Mr. Maffesoli

MATH INTERVENTION TEACHER

This packet is for all students that Mr. Maffesoli teaches in 6th Grade, 7th Grade, and 8th Grade.

All of the documents in this packet, along with all of the videos that are referenced can all be accessed on our Google Classroom page.

You can also download this entire packet at:

MrMaff.weebly.com

Topic #1:	Wholes x Fractions Using Pattern Blocks
Topic #2:	Wholes x Fractions Using Shading
Topic #3:	Multiply Fractions Using an Area Model
Topic #4:	Multiply Fractions by Simplifying
Topic #5:	Whole Numbers ÷ Unit Fractions
Topic #6:	Unit Fractions ÷ Whole Numbers
Topic #7:	Count Cubes to Calculate Volume
Topic #8:	Volumes of Rectangular Prisms

Math Intervention Tasks:
April, May, June

Mr. Maffesoli

E-mail: maffesm@melnapschools.com

* Complete the tasks in the order that they appear on this sheet
* Dates are only suggestions, so work at whatever speed is good for you
* To submit, just take photos of both sides of each Set C task and e-mail them
* For videos, the time in minutes & seconds appears in the ( )
* The only things that need to be submitted are any Set C tasks
* The checkboxes are for you to keep track of what's done

Topic #1: Wholes x Fractions Using Pattern Blocks — Suggested Dates: April 16-April 26

- ❒ Mr. Maffesoli's Homemade Video (4:50) Multiply a Fraction by a Whole Number [Link is in Google Classroom]
- ❒ Multiply Fractions x Wholes using Pattern Blocks: Set A, Set B, Set C [scissors needed]

Topic #2: Wholes x Fractions Using Shading — Suggested Dates: April 27-May 1

- ❒ Khan Academy Video (4:05) *Multiplying fractions and whole numbers visually* [Link is in Google Classroom]
- ❒ LearnZillion.com Video (4:54) *Multiply by fractions: using repeated addition* [Link is in Google Classroom]
- ❒ Multiply Wholes x Fractions (using shading) : Set A, Set B, Set C

Topic #3: Multiply Fractions Using an Area Model — Suggested Dates: May 4-May 8

- ❒ Mr. Maffesoli's Homemade Video (4:58) Multiply Fractions using an area model [Link is in Google Classroom]
- ❒ Khan Academy Video (4:57) *Multiplying 2 fractions: Fraction Model* [Link is in Google Classroom]
- ❒ Multiply Fractions using an Area Model : Set A, Set B, Set C
- ❒ [Optional] Online Game: Arcademics Snow Sprint [Link is on Google Classroom]

Topic #4: Multiply Fractions by Simplifying — Suggested Dates: May 11-May 15

- ❒ Explanation from the teacher screencast(1:58) Multiply Fractions using Simplifying [Link is in Google Classroom]
- ❒ Khan Academy Video (2:26) *Multiplying 2 fractions: 5/6 x 2/3* [Link is in Google Classroom]
- ❒ Multiply fractions by simplifying : Simplify after Multiplying, Cross-cancel Once, Cross-cancel Twice
- ❒ [Optional] Online Activity: Practice Test [Link is on Google Classroom]

Topic #5: Whole Numbers ÷ Unit Fractions — Suggested Dates: May 18-May 22

- ❒ Explanation from the teacher screencast (2:02) Whole Numbers ÷ Unit Fractions [Link is in Google Classroom]
- ❒ Mr. Maffesoli's Homemade Video (4:33) Whole Numbers ÷ Unit Fractions [Link is in Google Classroom]
- ❒ [Whole Numbers ÷ Unit Fractions] Set A, Set B, Set C
- ❒ Khan Academy Video (1:51) *Dividing a Whole Number by a Unit Fraction* [Link is in Google Classroom]

Topic #6: Unit Fractions ÷ Whole Numbers — Suggested Dates: May 25-May 29

- ❒ Mr. Maffesoli's Homemade Video (4:33) Unit Fractions ÷ Whole Numbers [Link is in Google Classroom]
- ❒ Explanation from the teacher screencast (3:09) Unit Fractions ÷ Whole Numbers [Link is in Google Classroom]
- ❒ [Unit Fractions ÷ Wholes] Set A, Set B, Set C
- ❒ Khan Academy Video (2:25) *Dividing a Unit Fraction by a Whole Number* [Link is in Google Classroom]

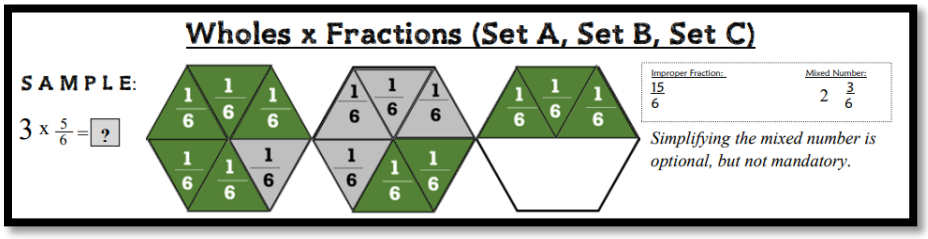
Topic #7: Count Cubes to Calculate Volume — Suggested Dates: June 1-June 5

- ❒ Mr. Maffesoli's Homemade Video (3:26) Count Cubes to Find Volume [Link is in Google Classroom]
- ❒ Khan Academy Video (2:13) *Measure Volume with Unit Cubes* [Link is in Google Classroom]
- ❒ Count Cubes to Calculate Volume: Volume Cubes,Count Cubes Flashcards,Count Cubes to Find Volume
- ❒ [Optional] Online Activity: Volumes of Rectangular Prisms Made from Unit Cubes [Link is in Google Classroom]

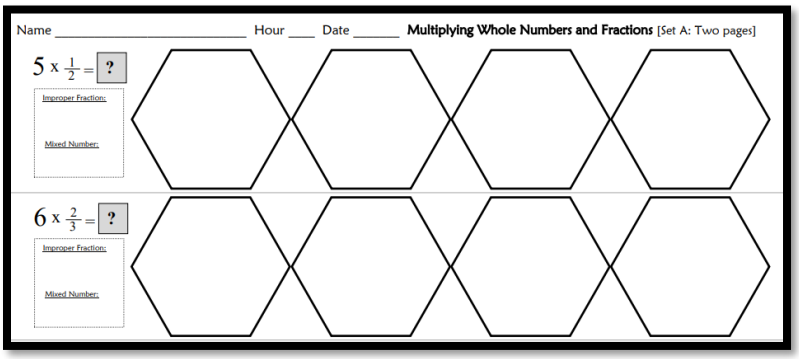
Topic #8: Volumes of Rectangular Prisms (using a formula) — Suggested Dates: June 8-June 10

- ❒ Explanation from the teacher screencast (1:45) Calculate Volume using formula [Link is in Google Classroom]
- ❒ Mr. Maffesoli's Homemade Video (3:55) Volumes of Rectangular Prisms [Link is in Google Classroom]
- ❒ Volumes of Rectangular Prisms: Set A, Set B, Set C
- ❒ Khan Academy Video (7:22) *Measure Volume as Area x Length* [Link is in Google Classroom]

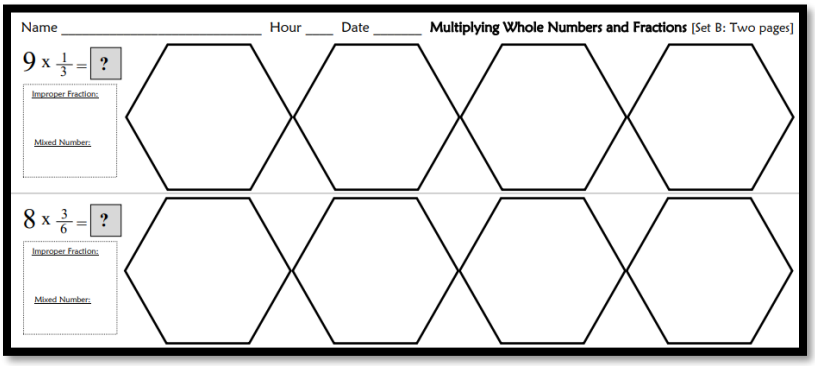
Multiply Wholes x Fractions (using pattern blocks)



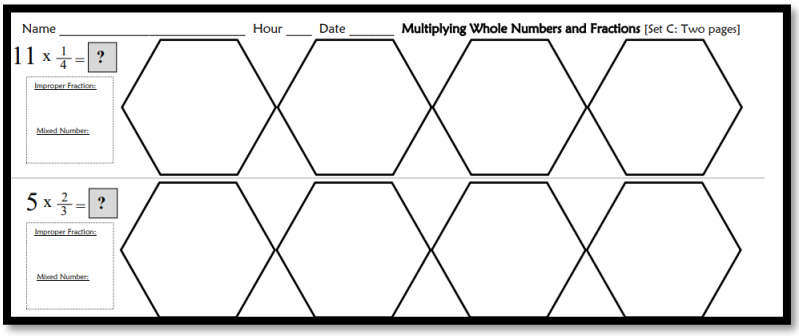
#1 PRINTOUT (Examples and cut-outs, then Set A)



#2 PRINTOUT (Set B)



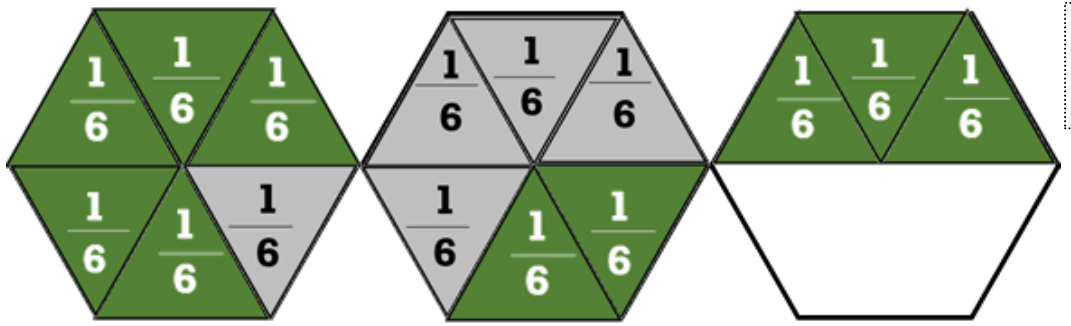
#3 PRINTOUT (Set C)



Wholes x Fractions (Set A, Set B, Set C)

SAMPLE:

$3 \times \frac{5}{6} = \boxed{?}$



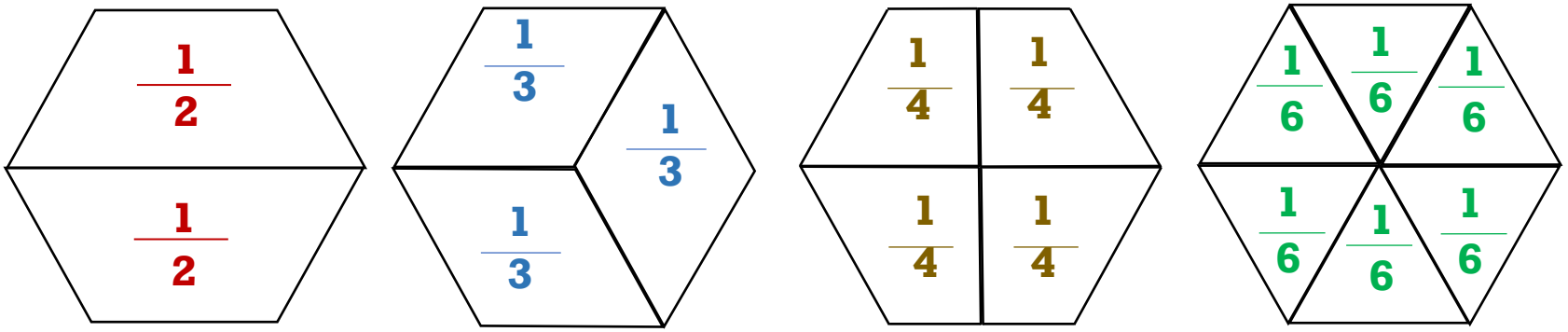
Improper Fraction: $\frac{15}{6}$

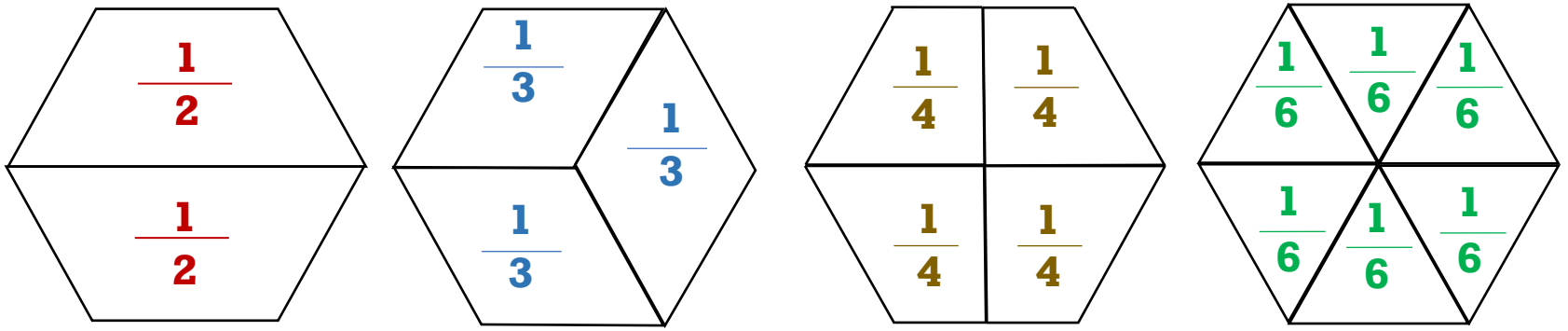
Mixed Number: $2\ \frac{3}{6}$

Simplifying the mixed number is optional, but not mandatory.

Pattern Block Cut-outs

You could use a single fraction piece multiple times and color onto the hexagons as you trace the individual pieces, or you can cut out all of the fraction pieces. Extra pieces are included on this page. If you still need more just print an extra copy of this page.



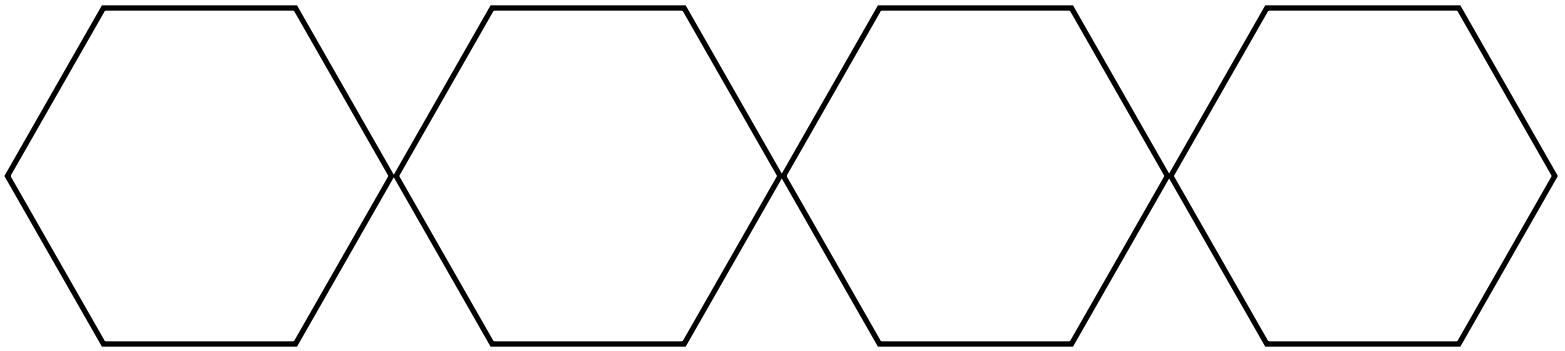


Name _____ Hour ____ Date _____ **Multiplying Whole Numbers and Fractions** [Set A: Two pages]

$5 \times \frac{1}{2} =$ **?**

Improper Fraction:

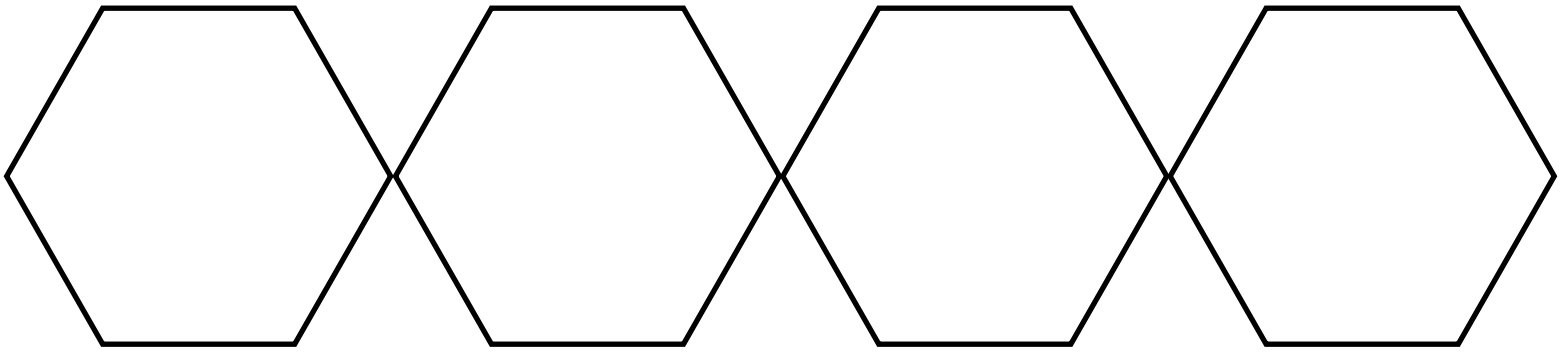
Mixed Number:



$6 \times \frac{2}{3} =$ **?**

Improper Fraction:

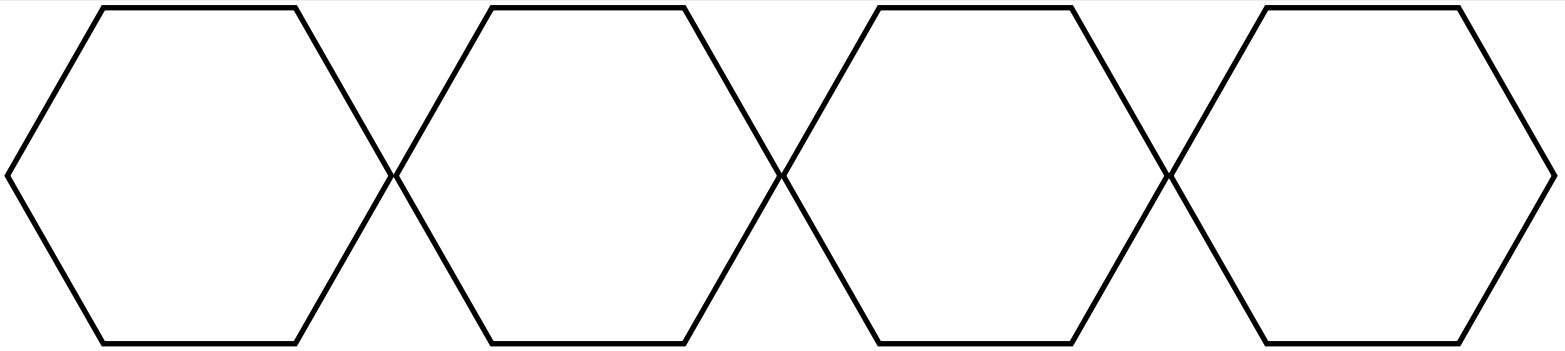
Mixed Number:



$16 \times \frac{1}{4} =$ **?**

Improper Fraction:

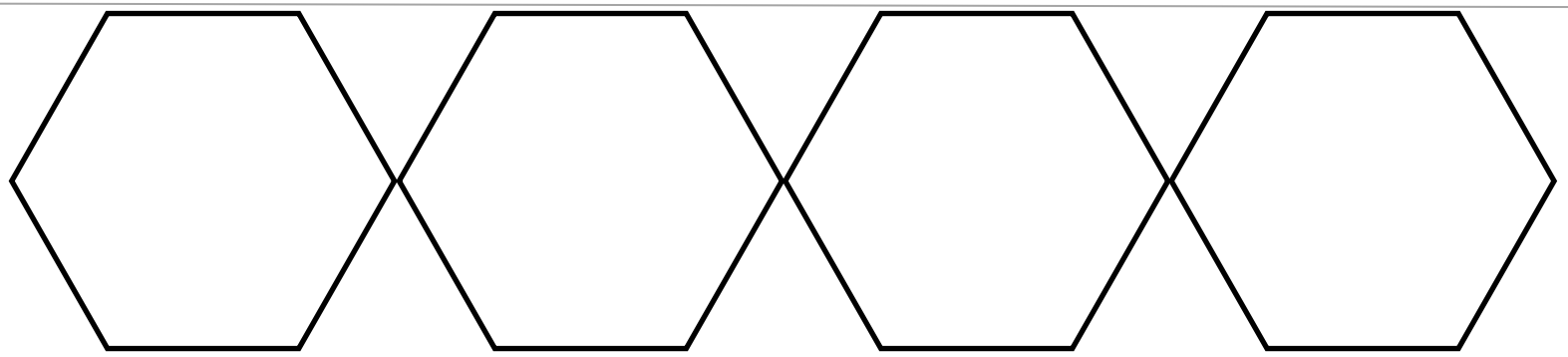
Mixed Number:



$2 \times \frac{5}{6} =$ **?**

Improper Fraction:

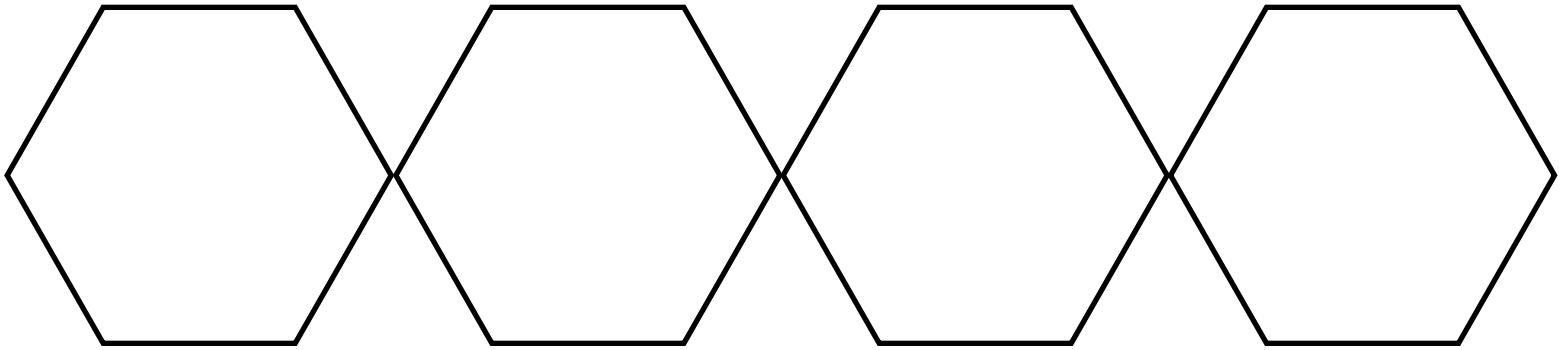
Mixed Number:



$9 \times \frac{1}{6} =$ **?**

Improper Fraction:

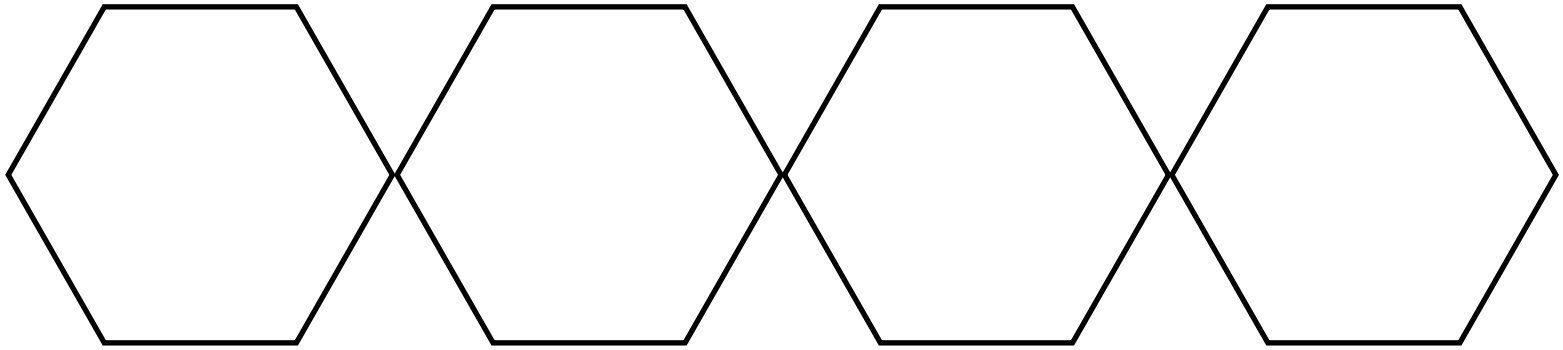
Mixed Number:



$2 \times \frac{3}{4} =$ **?**

Improper Fraction:

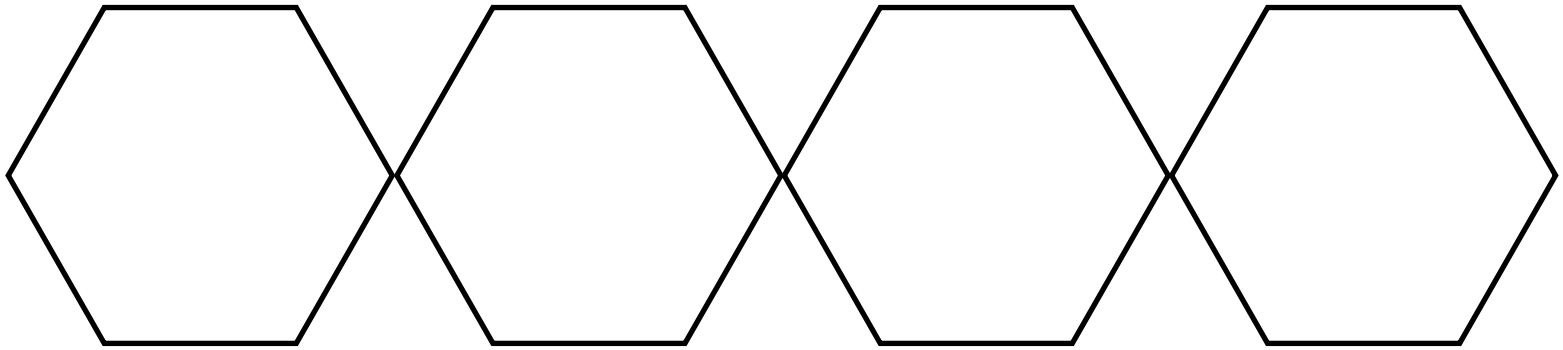
Mixed Number:



$10 \times \frac{1}{3} =$ **?**

Improper Fraction:

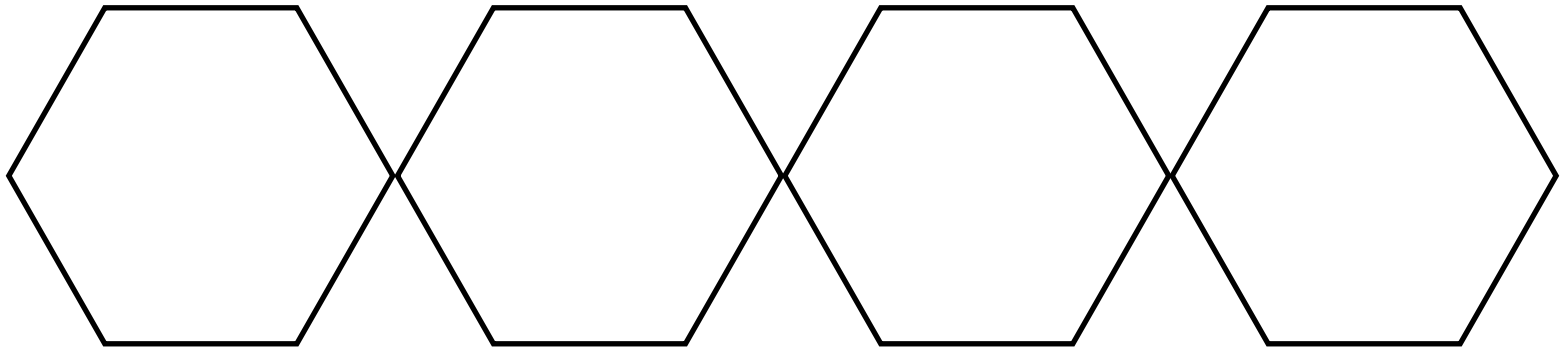
Mixed Number:



$4 \times \frac{1}{2} =$ **?**

Improper Fraction:

Mixed Number:

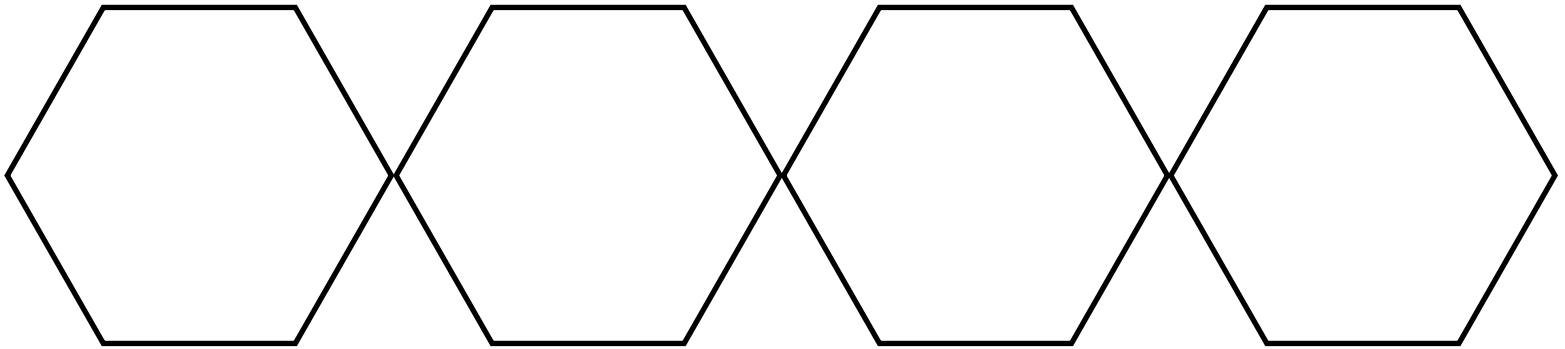


Name _____ Hour ____ Date _____ **Multiplying Whole Numbers and Fractions** [Set B: Two pages]

$9 \times \frac{1}{3} =$ **?**

Improper Fraction:

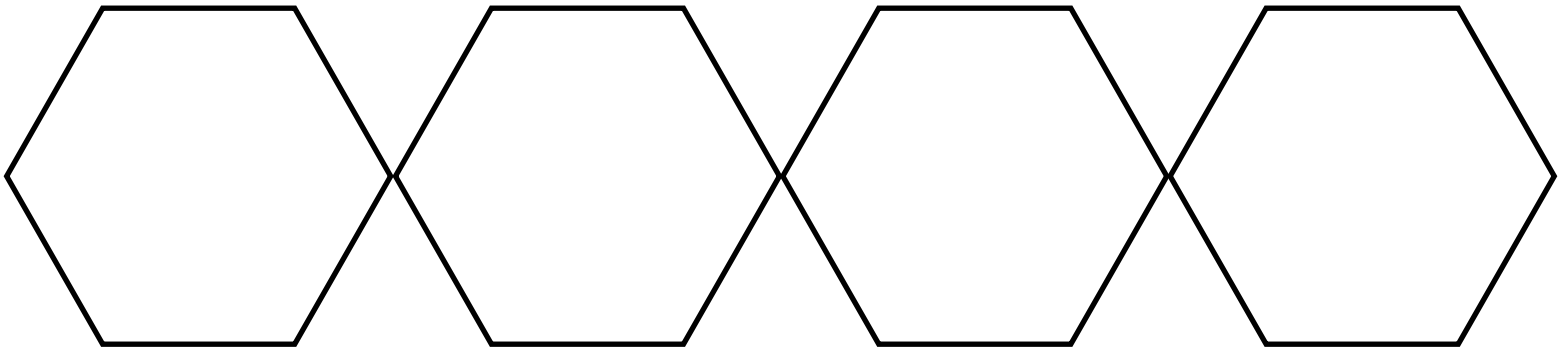
Mixed Number:



$8 \times \frac{3}{6} =$ **?**

Improper Fraction:

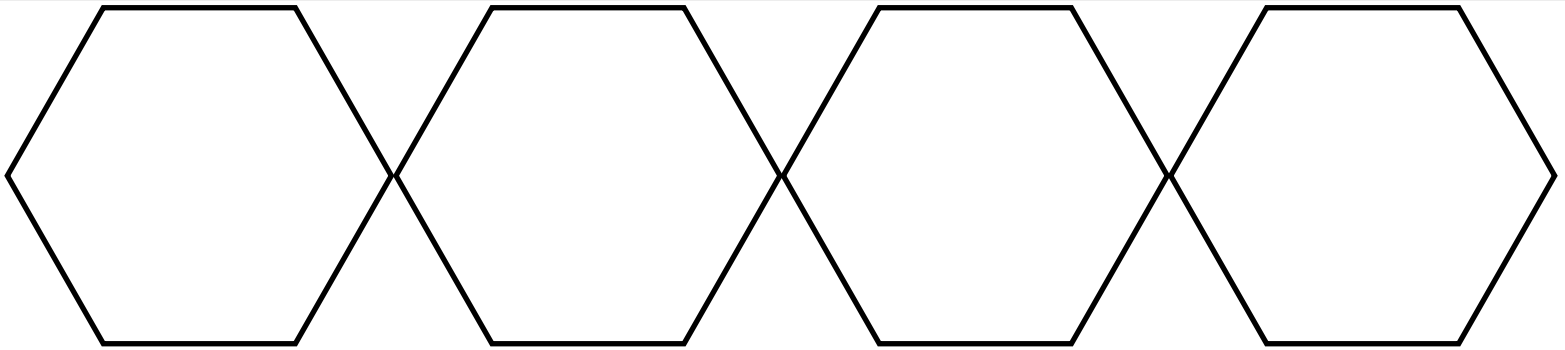
Mixed Number:



$3 \times \frac{1}{2} =$ **?**

Improper Fraction:

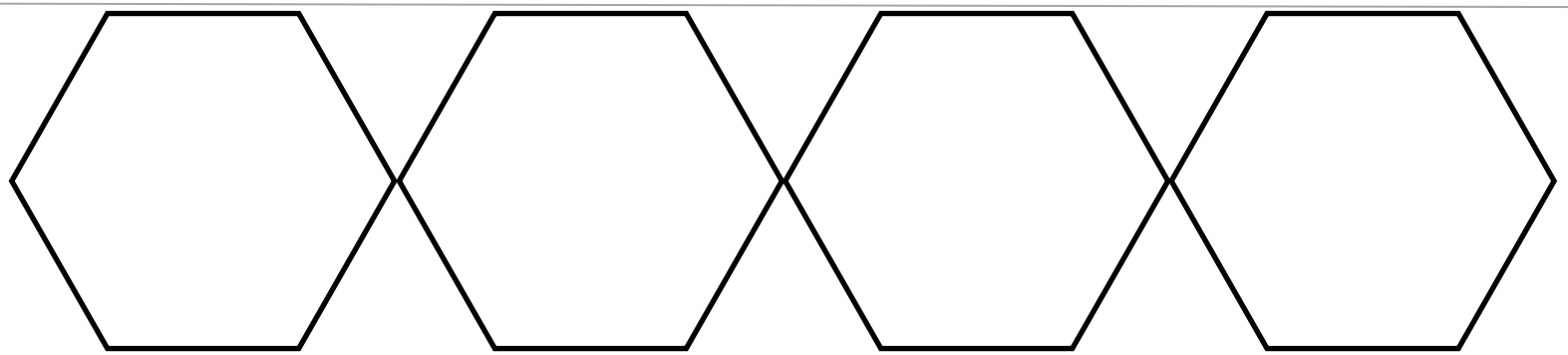
Mixed Number:



$5 \times \frac{2}{4} =$ **?**

Improper Fraction:

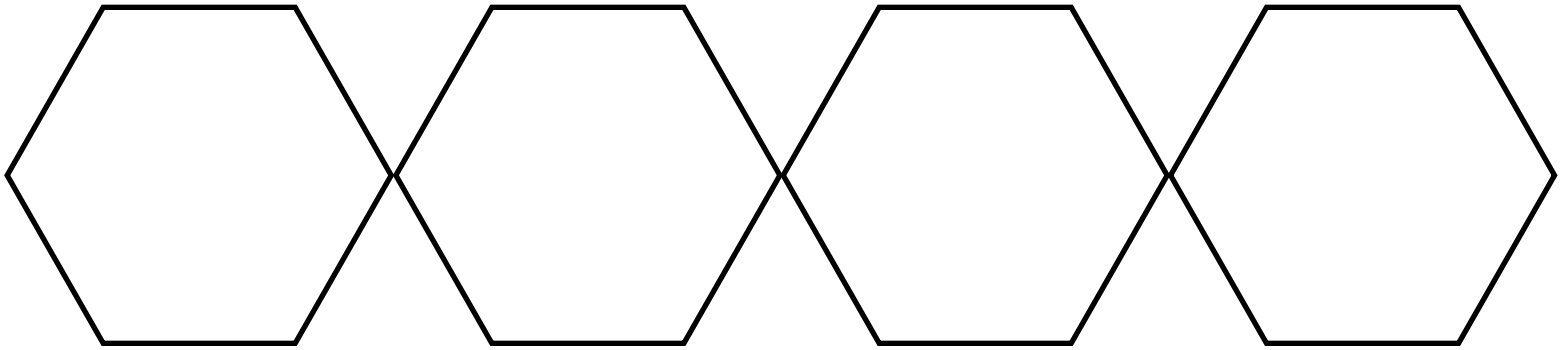
Mixed Number:



$20 \times \frac{1}{6} =$ **?**

Improper Fraction:

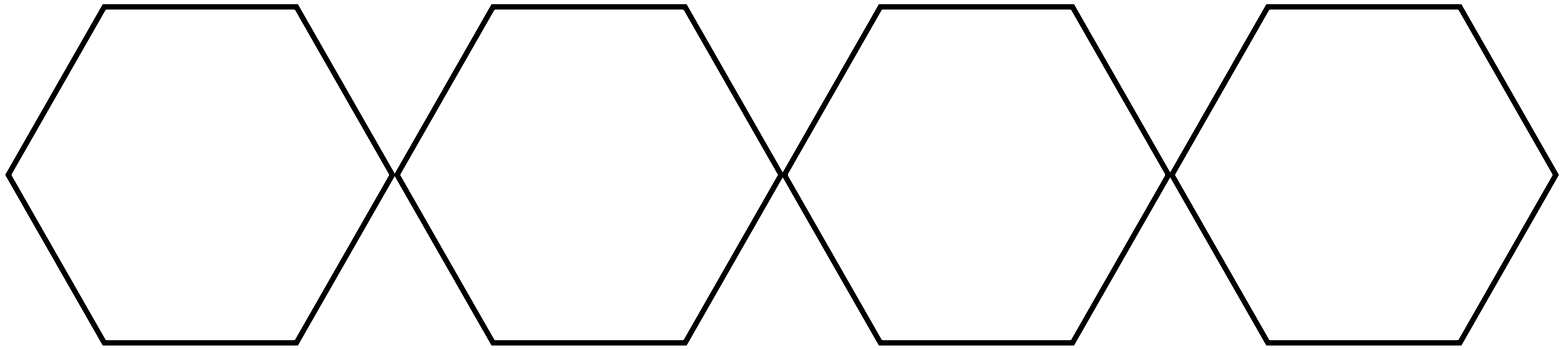
Mixed Number:



$13 \times \frac{1}{4} =$ **?**

Improper Fraction:

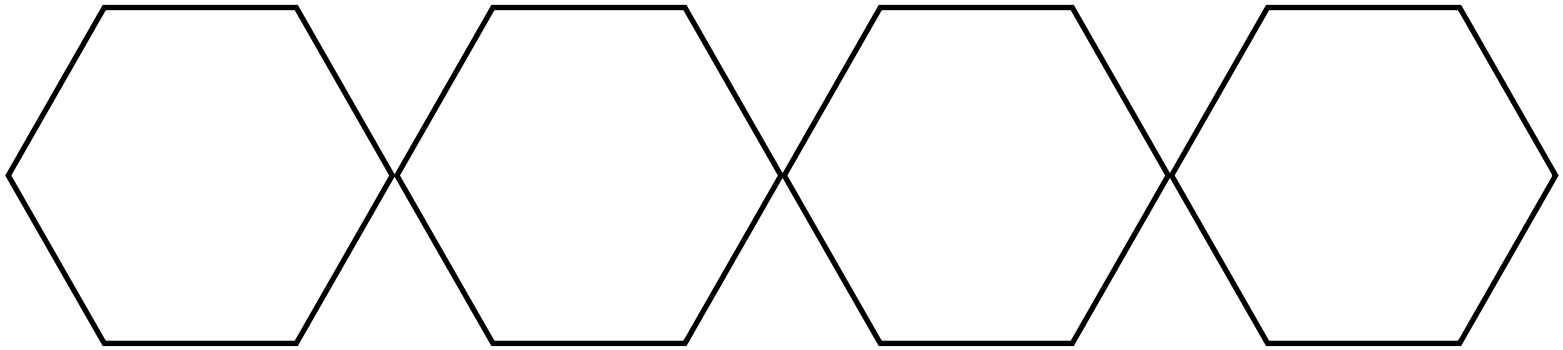
Mixed Number:



$6 \times \frac{1}{2} =$ **?**

Improper Fraction:

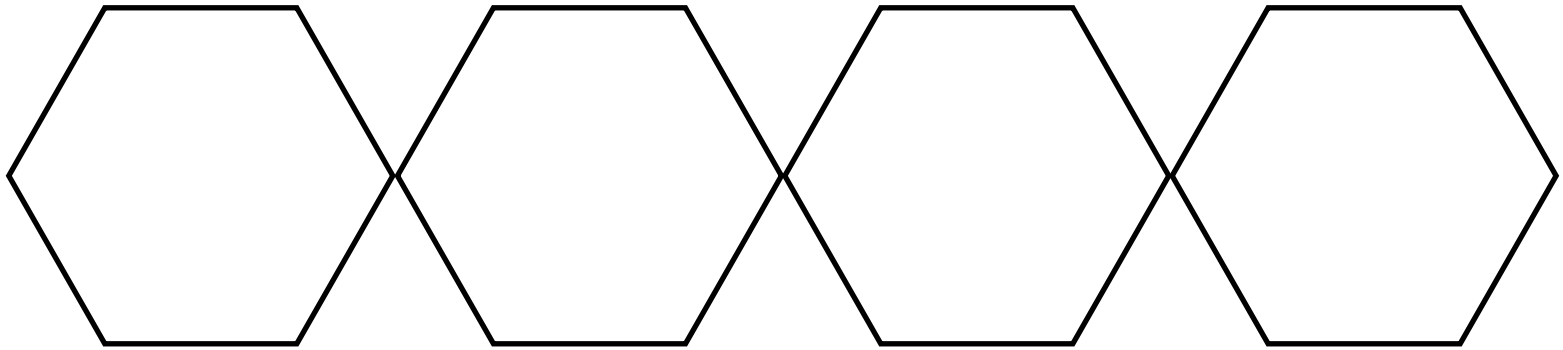
Mixed Number:



$4 \times \frac{2}{3} =$ **?**

Improper Fraction:

Mixed Number:

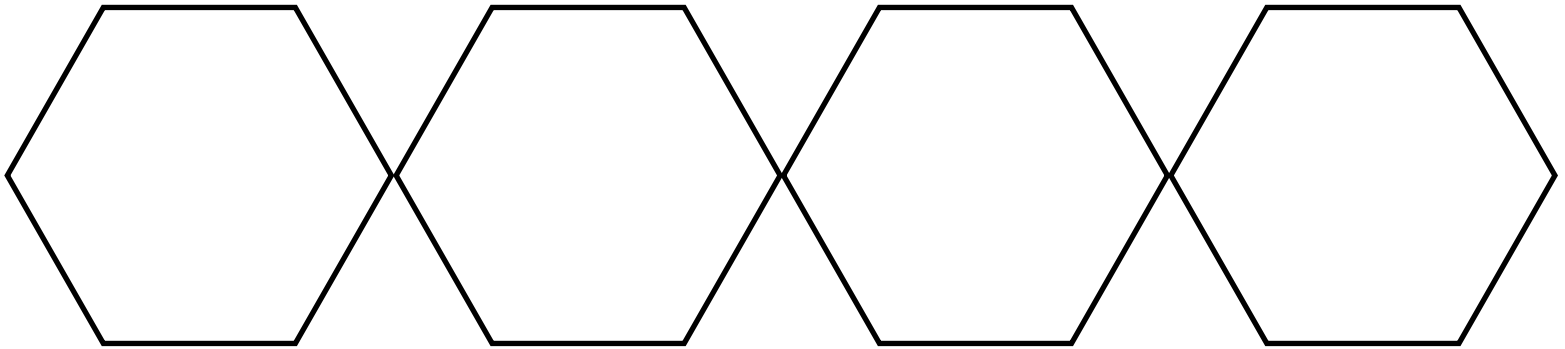


Name _____ Hour ____ Date _____ **Multiplying Whole Numbers and Fractions** [Set C: Two pages]

$11 \times \frac{1}{4} = ?$

Improper Fraction:

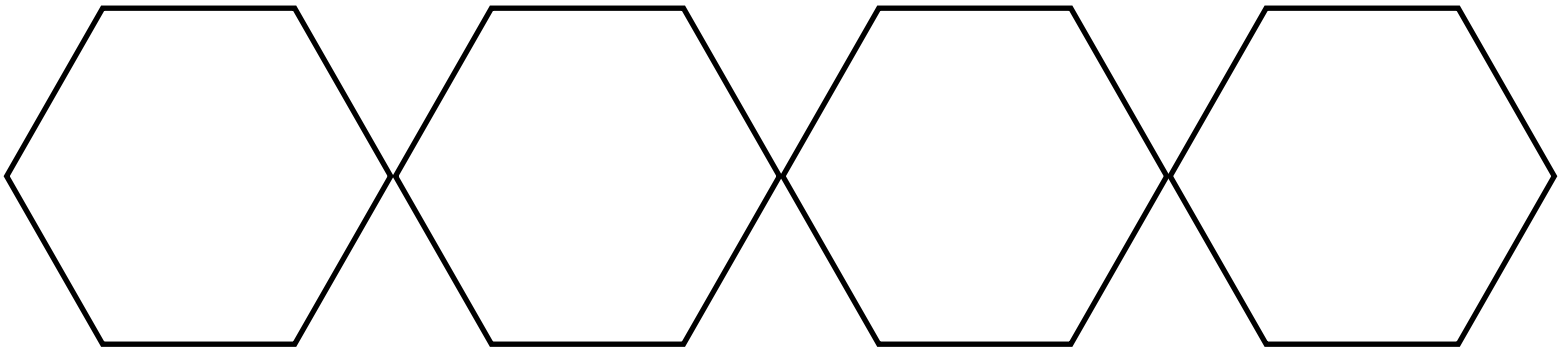
Mixed Number:



$5 \times \frac{2}{3} = ?$

Improper Fraction:

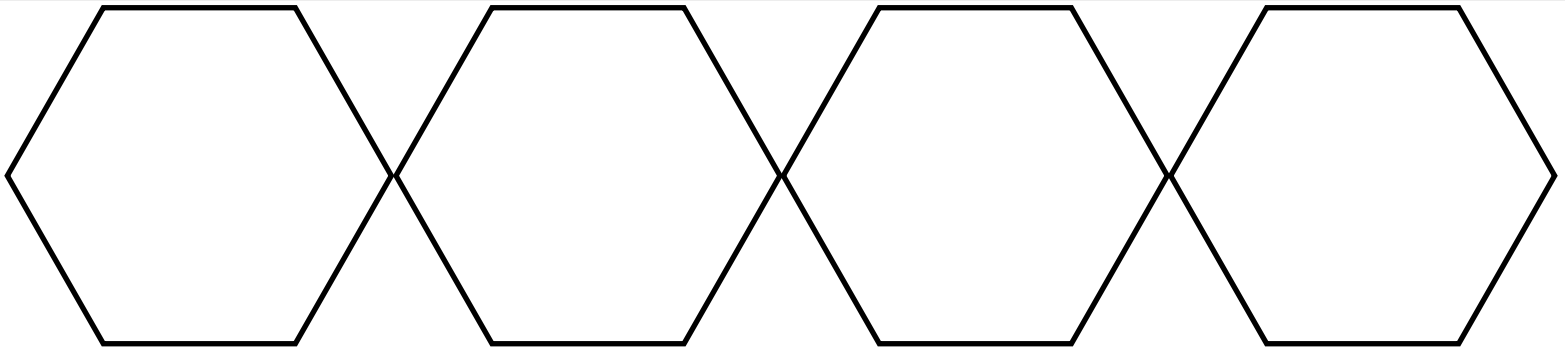
Mixed Number:



$8 \times \frac{1}{3} = ?$

Improper Fraction:

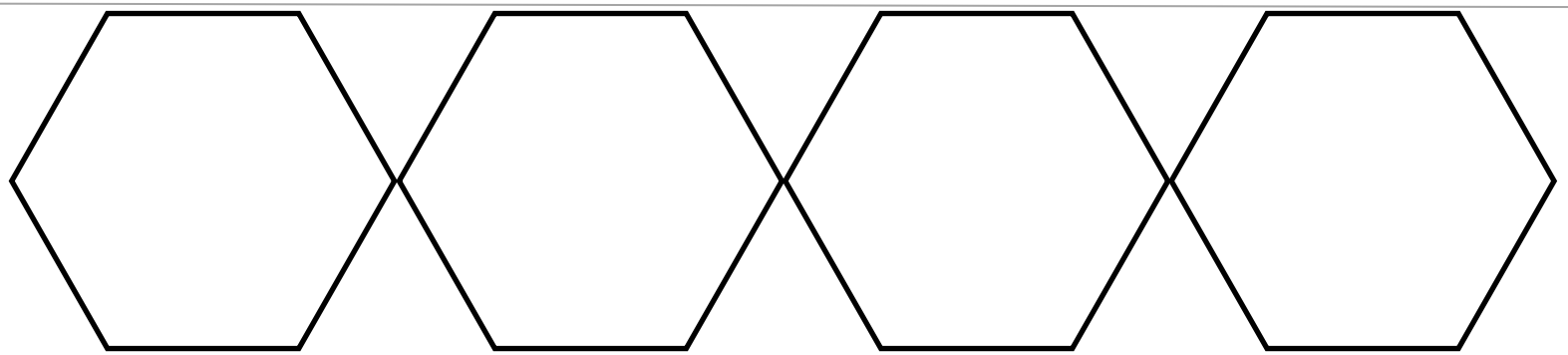
Mixed Number:



$14 \times \frac{1}{6} = ?$

Improper Fraction:

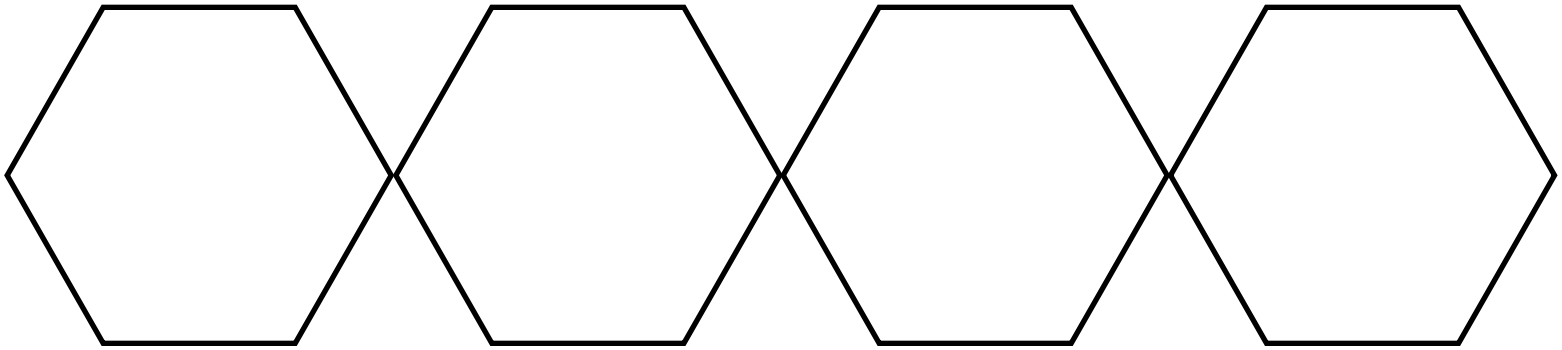
Mixed Number:



$3 \times \frac{3}{4} =$ **?**

Improper Fraction:

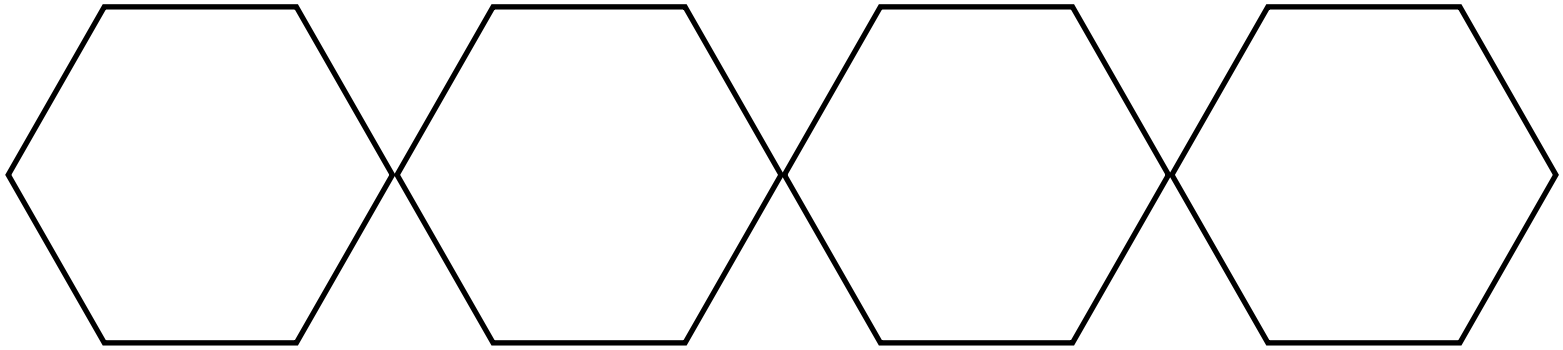
Mixed Number:



$5 \times \frac{4}{6} =$ **?**

Improper Fraction:

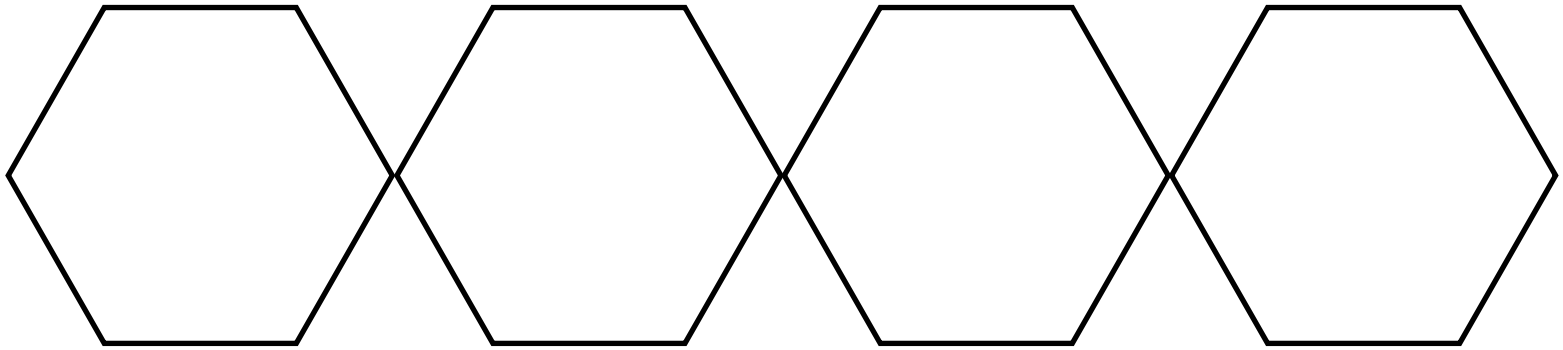
Mixed Number:



$7 \times \frac{1}{2} =$ **?**

Improper Fraction:

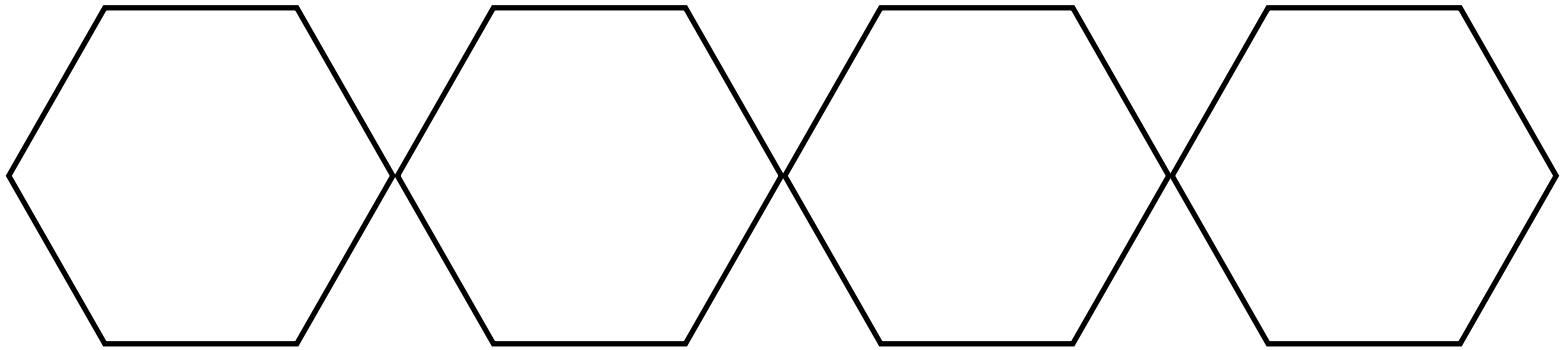
Mixed Number:



$8 \times \frac{1}{3} =$ **?**

Improper Fraction:

Mixed Number:



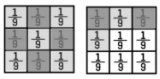
Multiply Wholes x Fractions (using shading)

#1 PRINTOUT (Set A)

Name _____ Class _____ Date _____ **Wholes x Fractions [Set A]**

Shade in the fractions to solve the equation in the box. If possible, use different colors for each instance of the given fractions. If you don't have different colors use light shading and darker shading so that the groups are easy to see (like in the example). Record your answers as both an improper fraction and a mixed number. You don't have to reduce any fractions. Solve all nine problems.

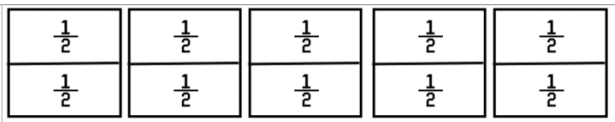
EXAMPLE: $14 \times \frac{1}{9} = \frac{14}{9}$ $\frac{14}{9}$ is also $1\ \frac{4}{9}$



EXAMPLE: $5 \times \frac{3}{4} = \frac{15}{4}$ $\frac{15}{4}$ is also $3\ \frac{3}{4}$

$7 \times \frac{1}{2} =$

Improper Fraction: Mixed Number:

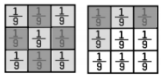


#2 PRINTOUT (Set B)

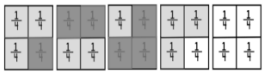
Name _____ Class _____ Date _____ **Wholes x Fractions [Set B]**

Shade in the fractions to solve the equation in the box. If possible, use different colors for each instance of the given fractions. If you don't have different colors use light shading and darker shading so that the groups are easy to see (like in the example). Record your answers as both an improper fraction and a mixed number. You don't have to reduce any fractions. Solve all nine problems.

EXAMPLE: $14 \times \frac{1}{9} = \frac{14}{9}$ $\frac{14}{9}$ is also $1\ \frac{4}{9}$

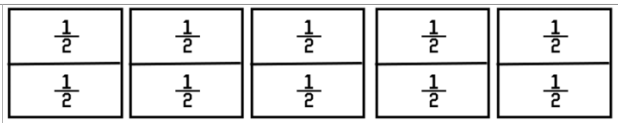


EXAMPLE: $5 \times \frac{3}{4} = \frac{15}{4}$ $\frac{15}{4}$ is also $3\ \frac{3}{4}$



$8 \times \frac{1}{2} =$

Improper Fraction: Mixed Number:

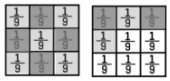


#3 PRINTOUT (Set C)

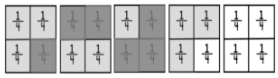
Name _____ Class _____ Date _____ **Wholes x Fractions [Set C]**

Shade in the fractions to solve the equation in the box. If possible, use different colors for each instance of the given fractions. If you don't have different colors use light shading and darker shading so that the groups are easy to see (like in the example). Record your answers as both an improper fraction and a mixed number. You don't have to reduce any fractions. Solve all nine problems.

EXAMPLE: $14 \times \frac{1}{9} = \frac{14}{9}$ $\frac{14}{9}$ is also $1\ \frac{4}{9}$

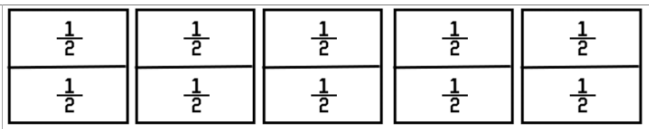


EXAMPLE: $5 \times \frac{3}{4} = \frac{15}{4}$ $\frac{15}{4}$ is also $3\ \frac{3}{4}$



$5 \times \frac{1}{2} =$

Improper Fraction: Mixed Number:



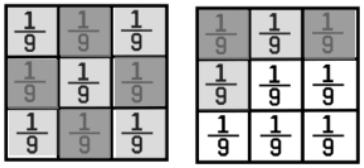
Name _____ Class _____ Date _____

Wholes x Fractions
[Set A]

Shade in the fractions to solve the equation in the box. If possible, use different colors for each instance of the given fractions. If you don't have different colors use light shading and darker shading so that the groups are easy to see (like in the example). Record your answers as both an improper fraction and a mixed number. You don't have to reduce any fractions. Solve all nine problems.

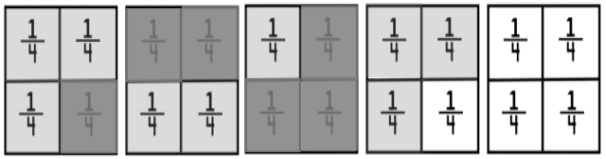
EXAMPLE: $14 \times \frac{1}{9} = \frac{14}{9}$

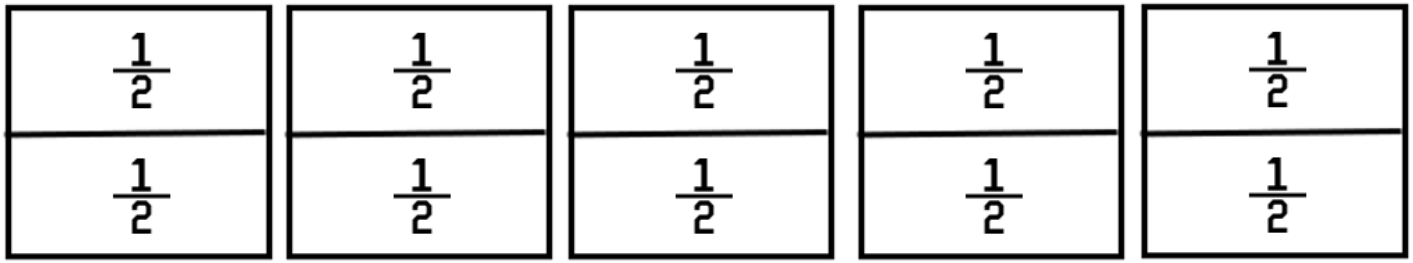
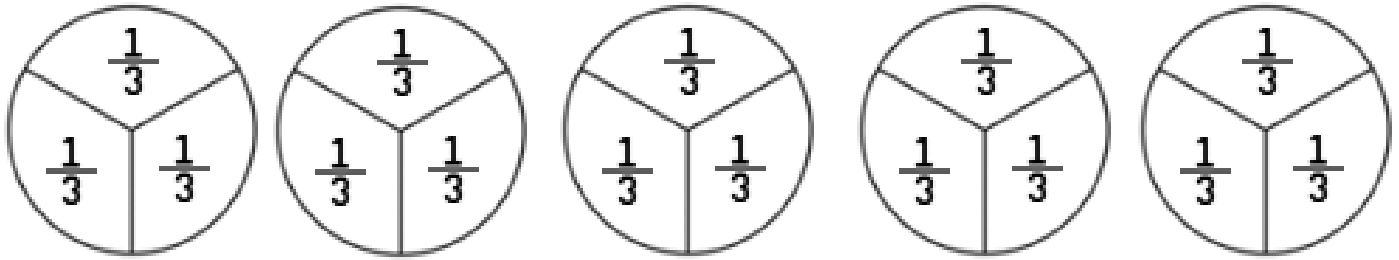
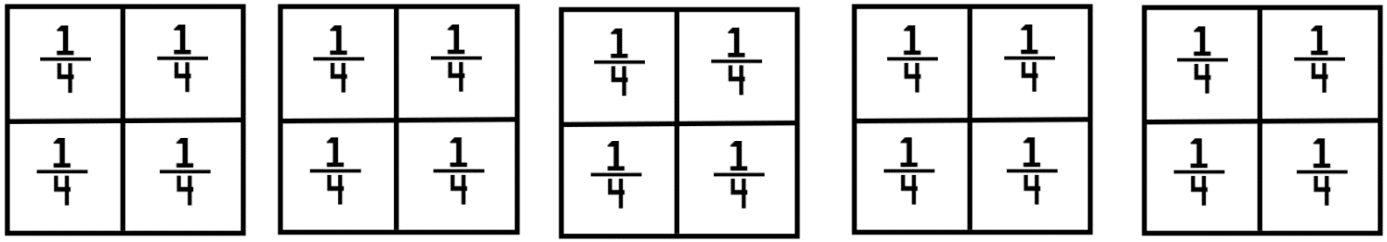
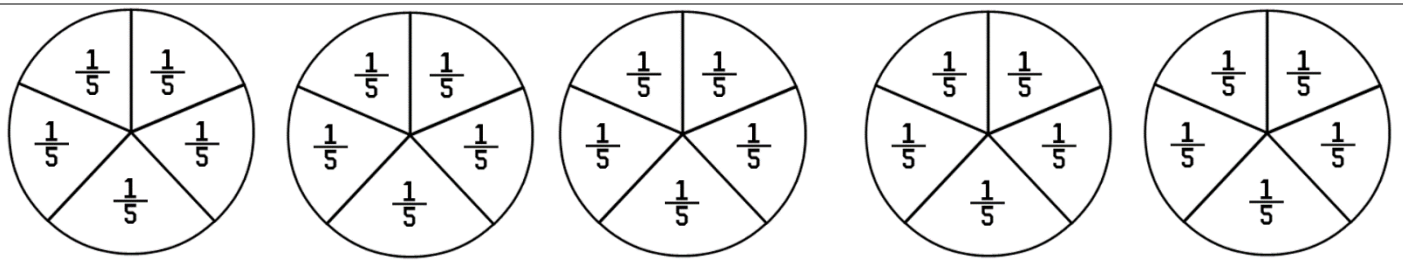
$\frac{14}{9}$ is also $1\ \frac{4}{9}$

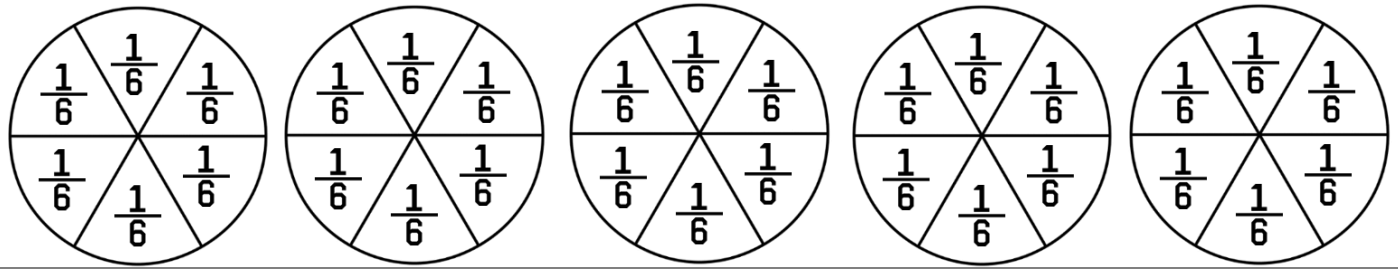
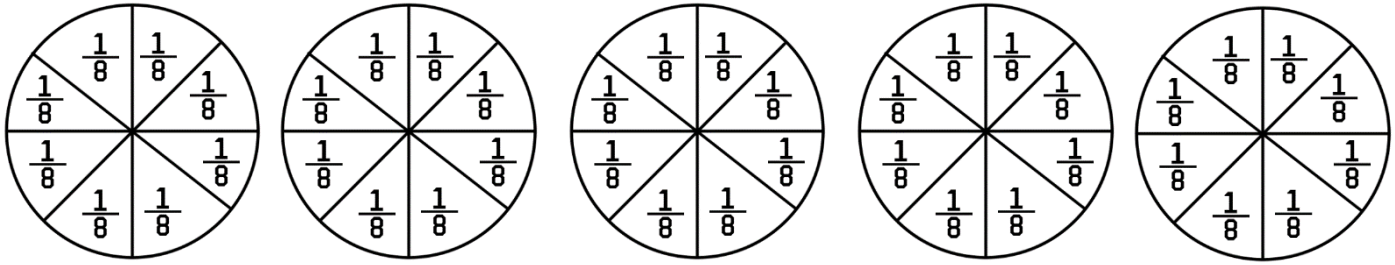
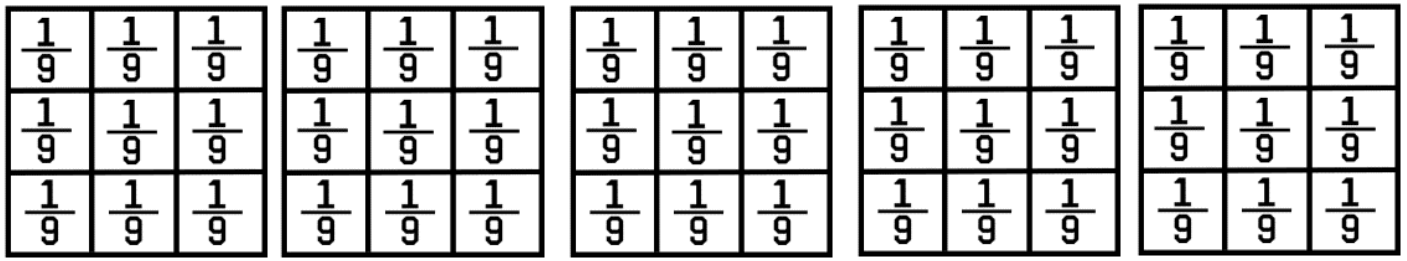
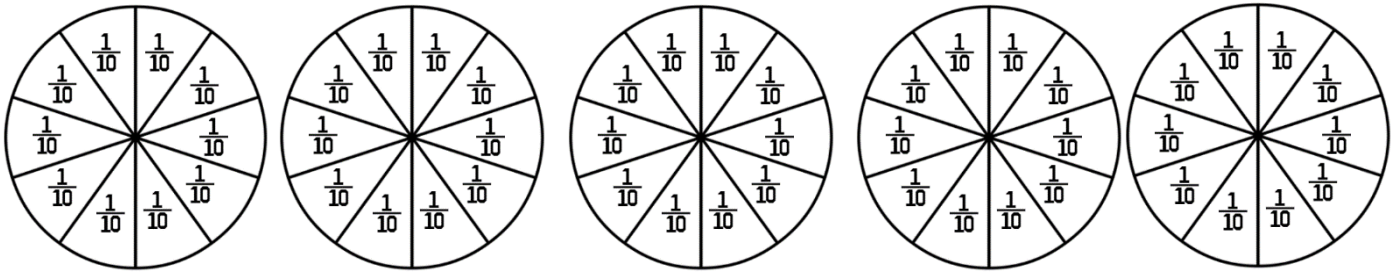
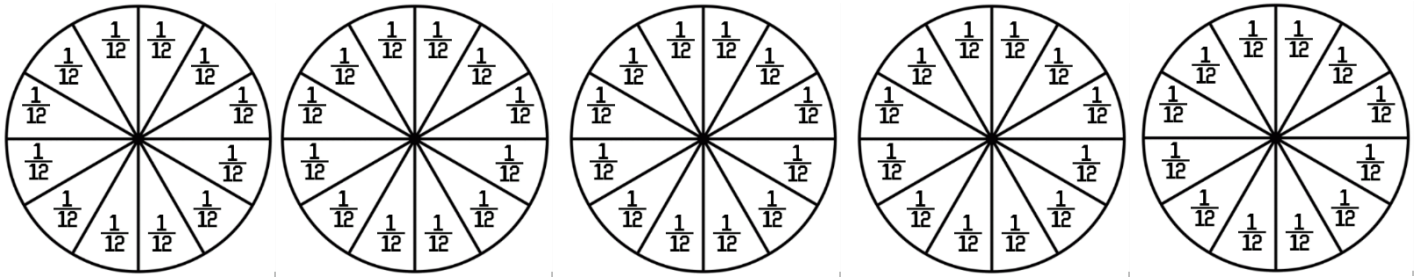


EXAMPLE: $5 \times \frac{3}{4} = \frac{15}{4}$

$\frac{15}{4}$ is also $3\ \frac{3}{4}$



$7 \times \frac{1}{2} =$ Improper Fraction: Mixed Number:	
$10 \times \frac{1}{3} =$ Improper Fraction: Mixed Number:	
$2 \times \frac{3}{4} =$ Improper Fraction: Mixed Number:	
$9 \times \frac{2}{5} =$ Improper Fraction: Mixed Number:	

$13 \times \frac{1}{6} =$ Improper Fraction: Mixed Number:	
$7 \times \frac{3}{8} =$ Improper Fraction: Mixed Number:	
$37 \times \frac{1}{9} =$ Improper Fraction: Mixed Number:	
$5 \times \frac{7}{10} =$ Improper Fraction: Mixed Number:	
$28 \times \frac{1}{12} =$ Improper Fraction: Mixed Number:	

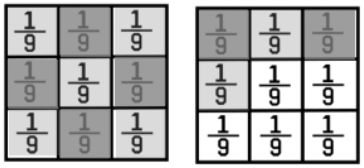
Name _____ Class _____ Date _____

Wholes x Fractions
[Set B]

Shade in the fractions to solve the equation in the box. If possible, use different colors for each instance of the given fractions. If you don't have different colors use light shading and darker shading so that the groups are easy to see (like in the example). Record your answers as both an improper fraction and a mixed number. You don't have to reduce any fractions. Solve all nine problems.

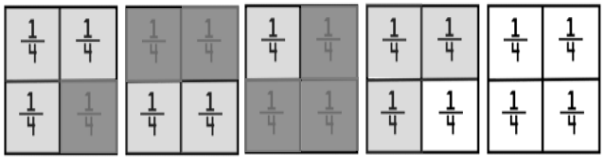
EXAMPLE: $14 \times \frac{1}{9} = \frac{14}{9}$

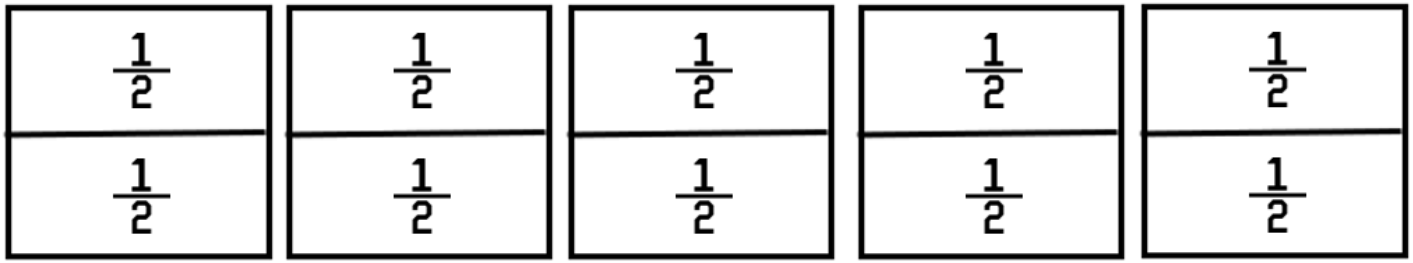
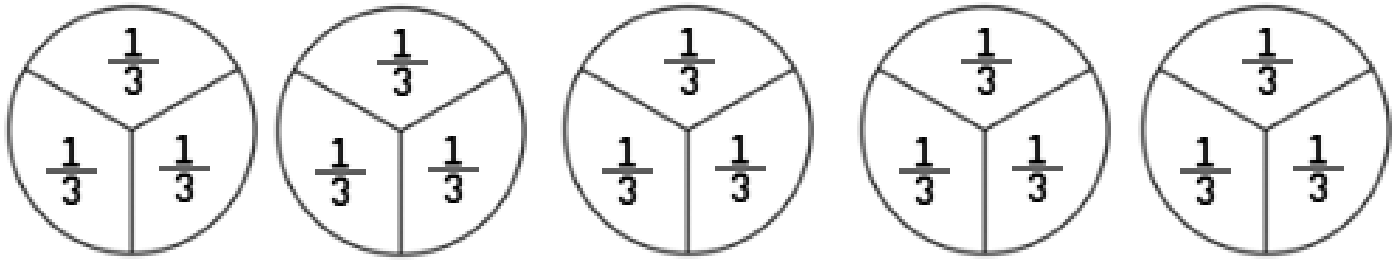
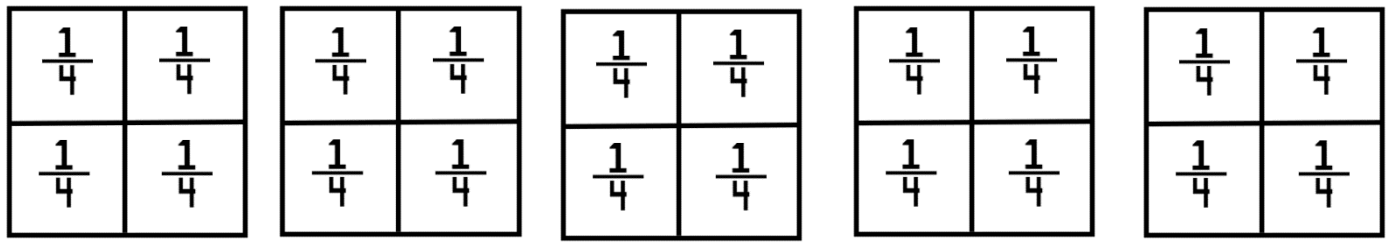
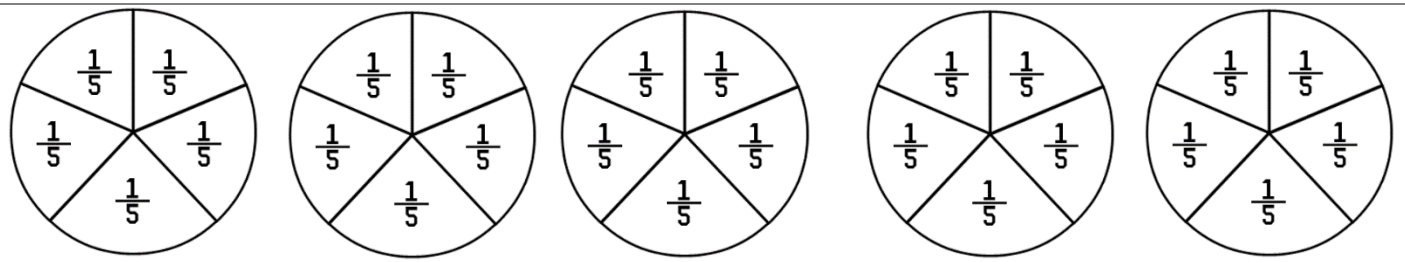
$\frac{14}{9}$ is also $1\ \frac{4}{9}$

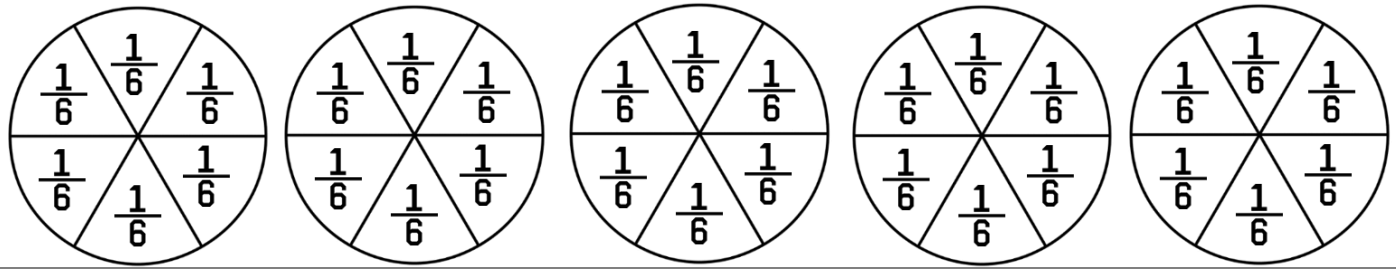
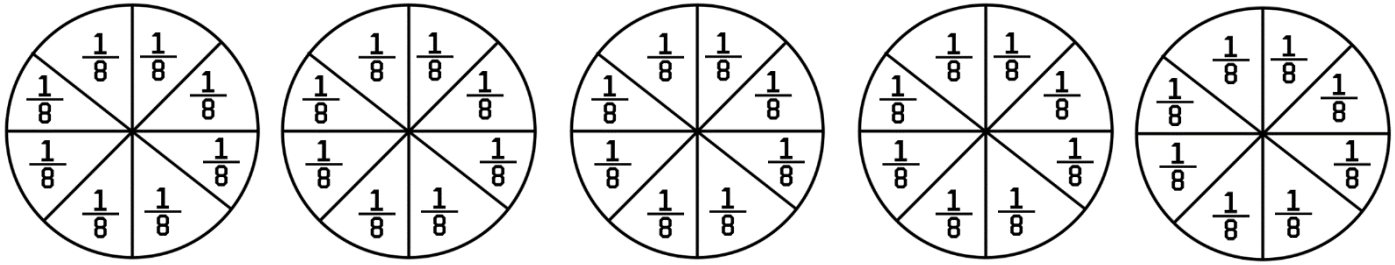
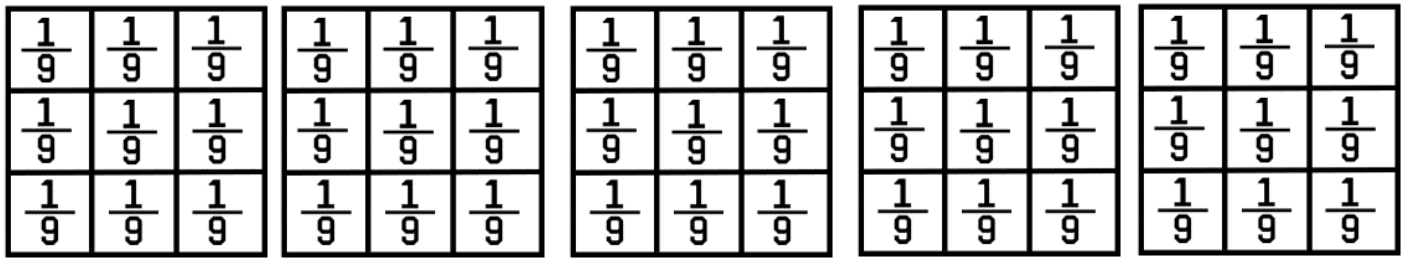
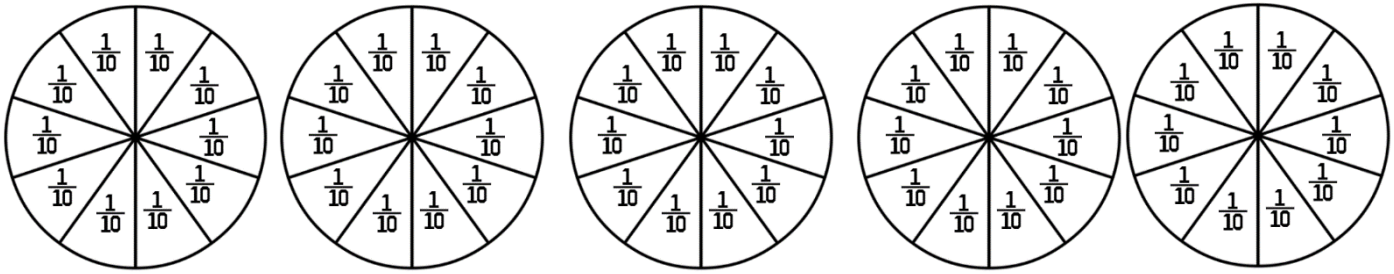
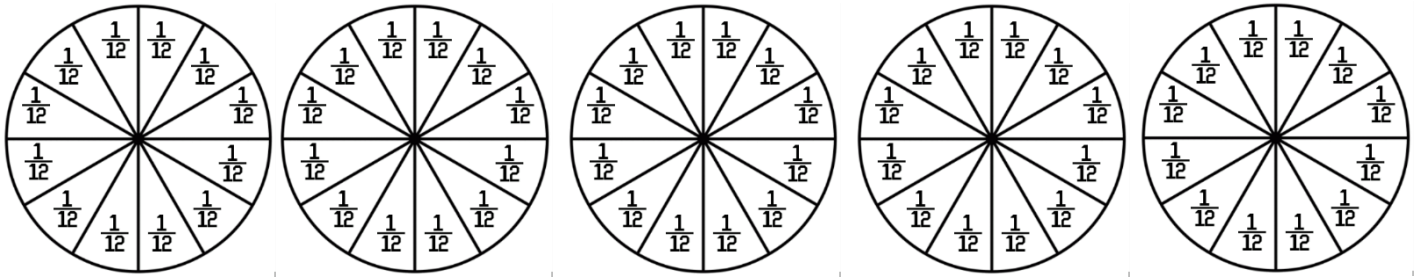


EXAMPLE: $5 \times \frac{3}{4} = \frac{15}{4}$

$\frac{15}{4}$ is also $3\ \frac{3}{4}$



$8 \times \frac{1}{2} =$ Improper Fraction: Mixed Number:	
$7 \times \frac{2}{3} =$ Improper Fraction: Mixed Number:	
$5 \times \frac{3}{4} =$ Improper Fraction: Mixed Number:	
$8 \times \frac{3}{5} =$ Improper Fraction: Mixed Number:	

$3 \times \frac{5}{6} =$ Improper Fraction: Mixed Number:	
$19 \times \frac{1}{8} =$ Improper Fraction: Mixed Number:	
$4 \times \frac{5}{9} =$ Improper Fraction: Mixed Number:	
$8 \times \frac{3}{10} =$ Improper Fraction: Mixed Number:	
$9 \times \frac{5}{12} =$ Improper Fraction: Mixed Number:	

Name _____ Class _____ Date _____

Wholes x Fractions
[Set C]

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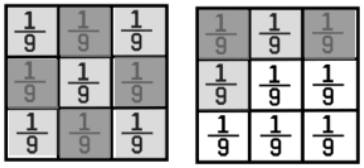
$\frac{14}{9}$ is also $1\ \frac{4}{9}$



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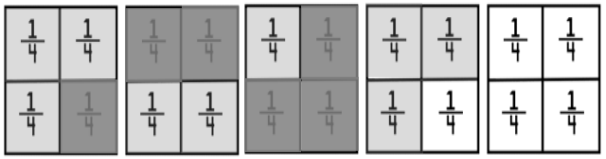
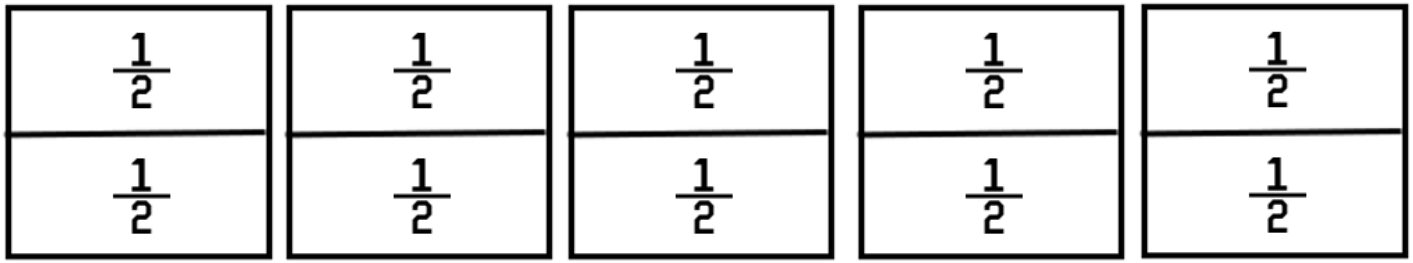
$\frac{15}{4}$ is also $3\ \frac{3}{4}$



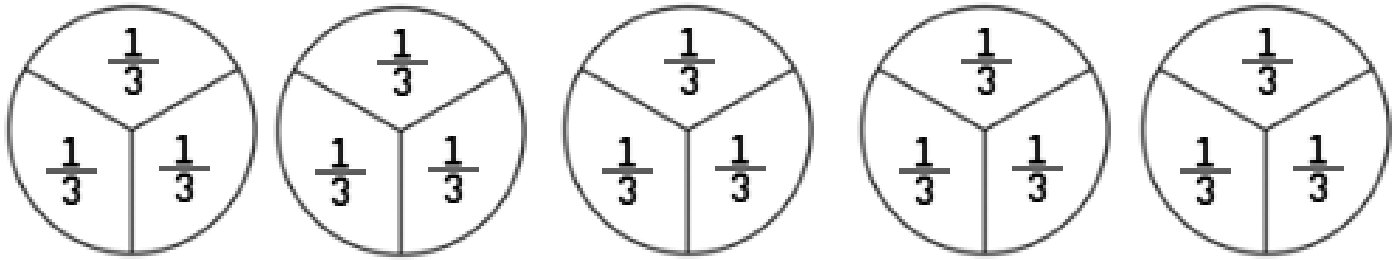
$5 \times \frac{1}{2} =$

Improper Fraction: Mixed Number:



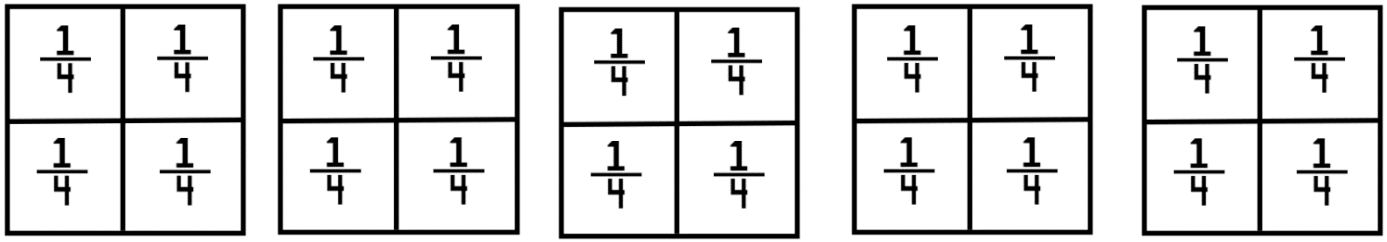
$12 \times \frac{1}{3} =$

Improper Fraction: Mixed Number:



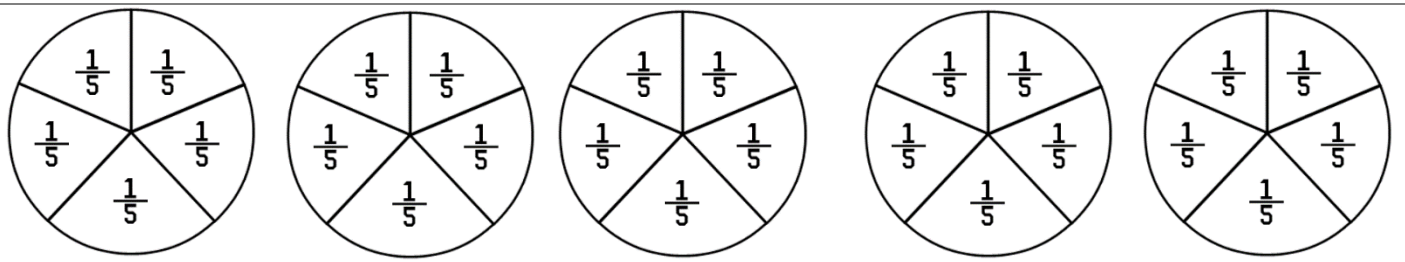
$9 \times \frac{2}{4} =$

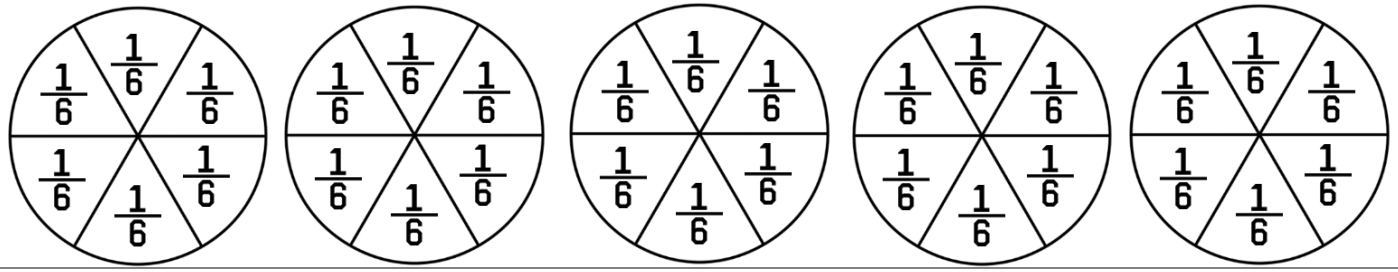
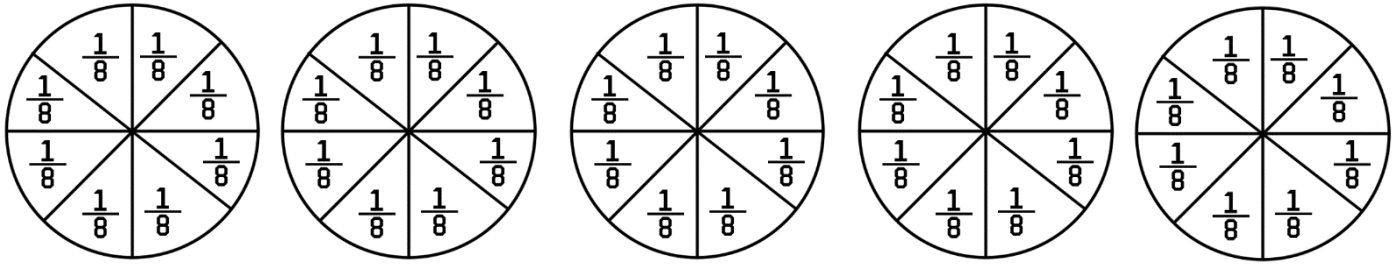
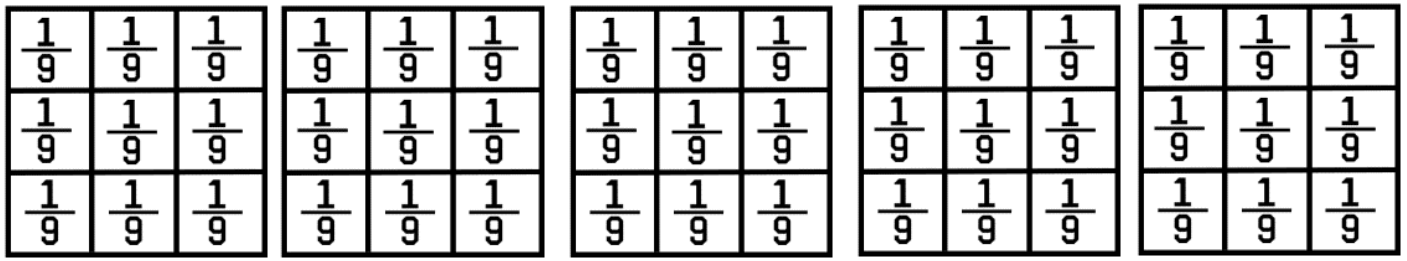
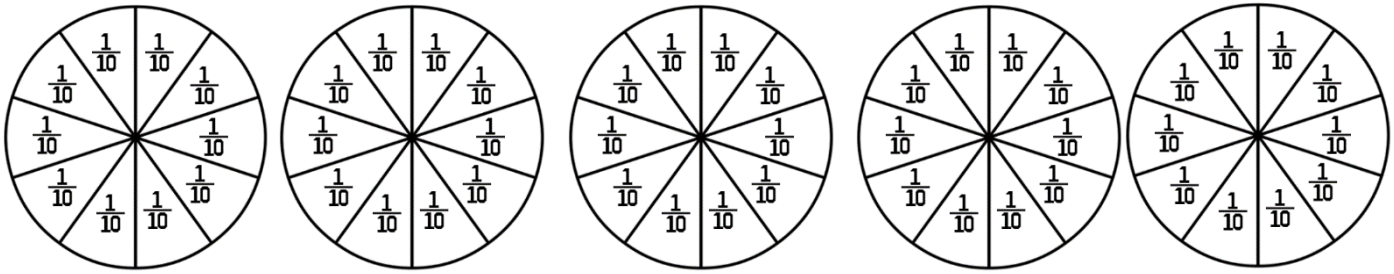
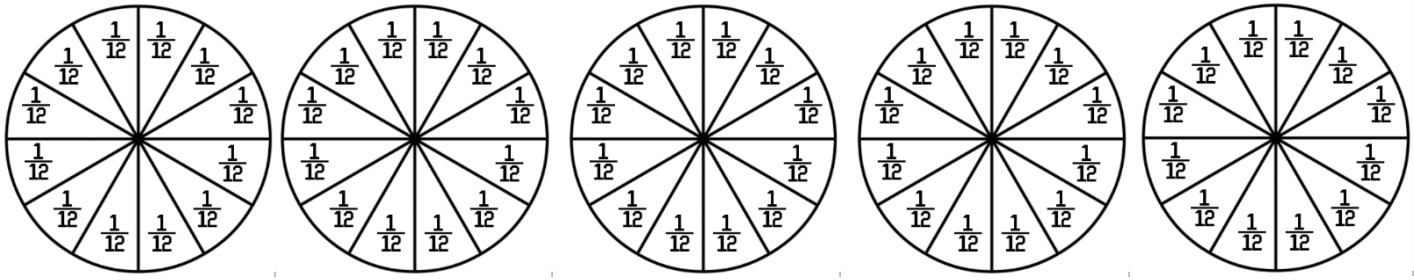
Improper Fraction: Mixed Number:



$3 \times \frac{4}{5} =$

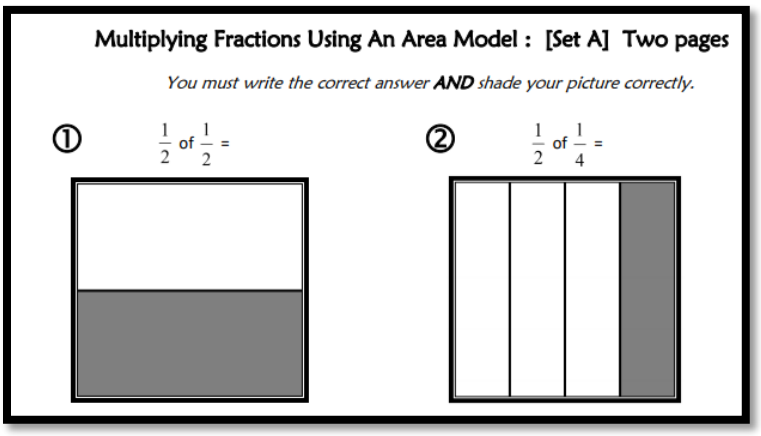
Improper Fraction: Mixed Number:



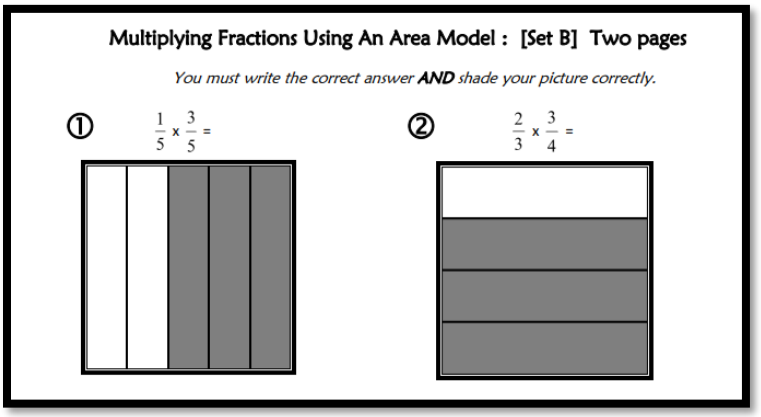
$18 \times \frac{1}{6} =$ Improper Fraction: Mixed Number:	
$4 \times \frac{5}{8} =$ Improper Fraction: Mixed Number:	
$13 \times \frac{4}{9} =$ Improper Fraction: Mixed Number:	
$3 \times \frac{9}{10} =$ Improper Fraction: Mixed Number:	
$8 \times \frac{7}{12} =$ Improper Fraction: Mixed Number:	

Multiply Fractions using An Area Model

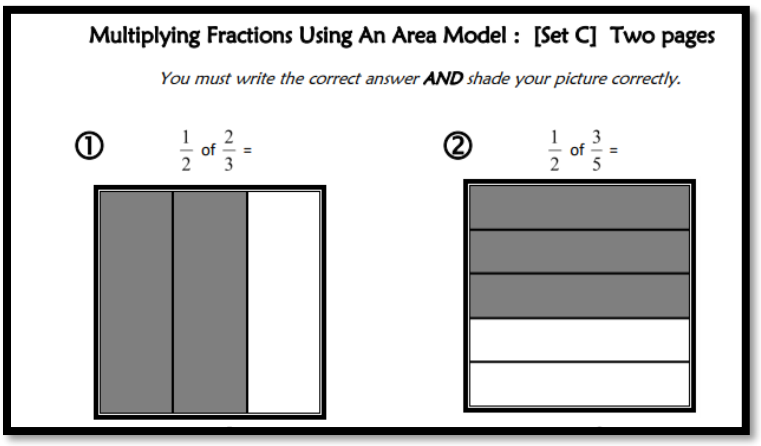
#1 PRINTOUT (Examples, then Set A)



#2 PRINTOUT (Set B)



#3 PRINTOUT (Set C)



Multiply Fractions Using an Area Model

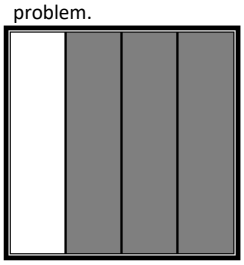
Examples:

$\frac{1}{2}$ of $\frac{3}{4}$ =

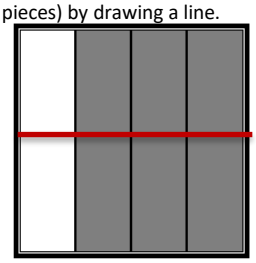
Which could also be written as:

$\frac{1}{2}$ x $\frac{3}{4}$ =

The second fraction (3/4) is already shaded at the beginning of the problem.

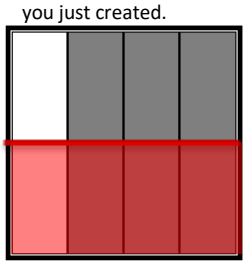


Since we need ½ of the shaded ¾, we cut what is showing into halves (which means two equal pieces) by drawing a line.



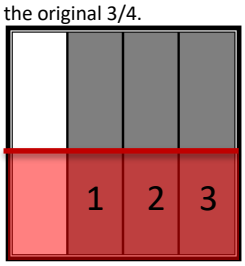
Note: You MUST ALWAYS cut criss-cross to the piece that is already shaded. *If the shaded part is done in horizontal pieces, your cut must be vertical.*

Now, with your own writing tool, shade in one of the two halves that you just created.



Notice that the whole square is now separated into 8 equal parts.

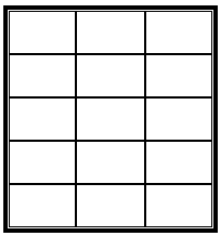
The correct answer (3/8) is the area that is in the overlap because it represents 1/2 of the original 3/4.



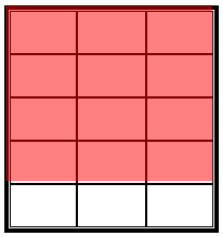
On the diagram below,

shade in the **product** for :

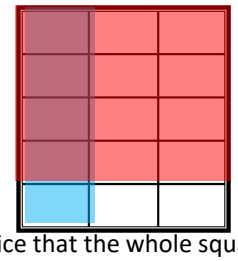
$\frac{1}{3}$ x $\frac{4}{5}$



Start by shading the second fraction (4/5). You know to shade in the rows because there are five here.

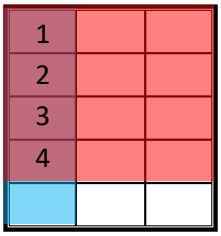


Next fill in the first fraction (1/3) on top of the 4/5. You know that these are columns because there are three.



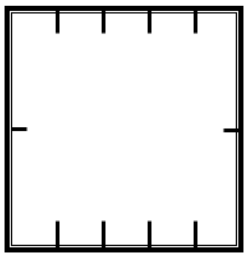
Notice that the whole square is now made up of 15 equal pieces.

The correct answer (4/15) is the area that is in the overlap because it represents 1/3 of the original 4/5.

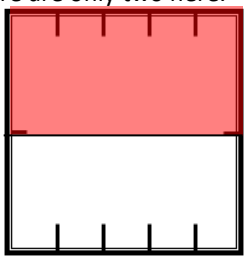


Use the starter marks to draw the fraction area for this expression:

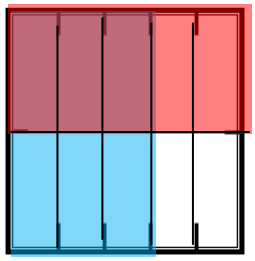
$\frac{3}{5}$ x $\frac{1}{2}$ =



Start by drawing a horizontal line and shading the second fraction (1/2). You know to shade in the rows because there are only two here.

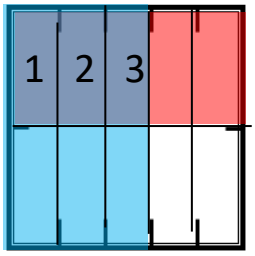


Next draw the vertical lines and fill in the first fraction (3/5) on top of the ½. You know that these are columns because there are five.



Notice that the whole square is now made up of 10 equal pieces.

The correct answer (3/10) is the area that is in the overlap because it represents 3/5 of the original 1/2.

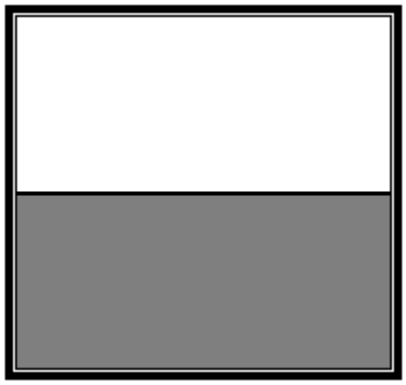


Name _____ Hour _____ Date _____

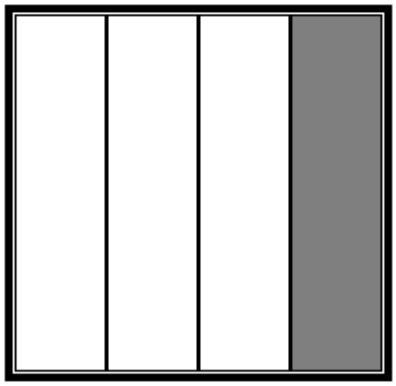
Multiplying Fractions Using An Area Model : [Set A] Two pages

*You must write the correct answer **AND** shade your picture correctly.*

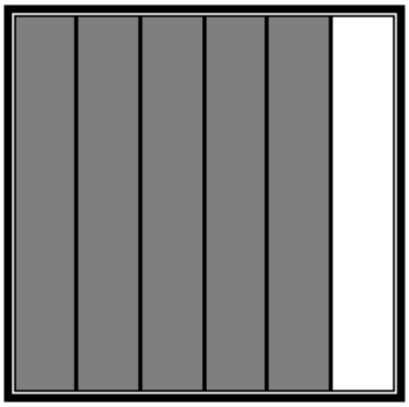
① $\frac{1}{2}$ of $\frac{1}{2}$ =



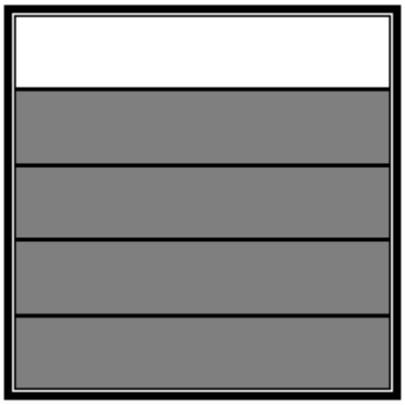
② $\frac{1}{2}$ of $\frac{1}{4}$ =



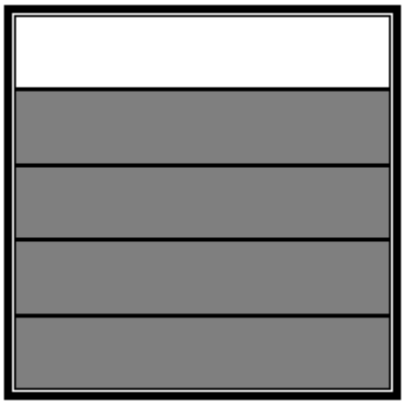
③ $\frac{1}{2}$ of $\frac{5}{6}$ =



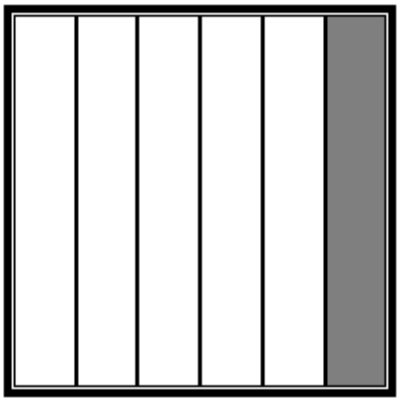
④ $\frac{1}{3}$ of $\frac{4}{5}$ =



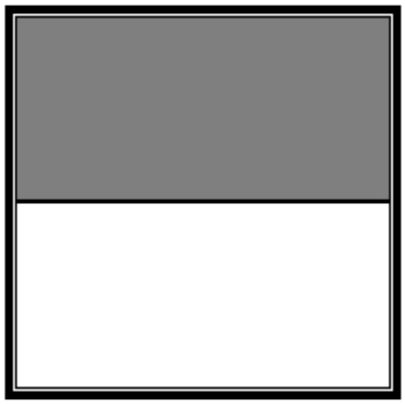
⑤ $\frac{2}{3}$ x $\frac{4}{5}$ =



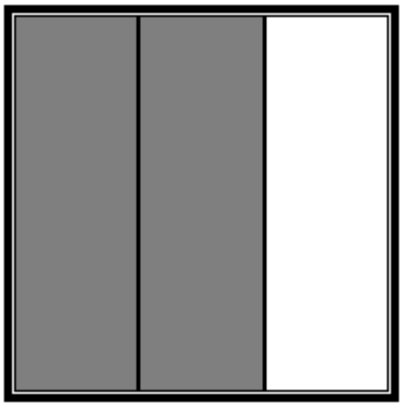
⑥ $\frac{3}{4}$ x $\frac{1}{6}$ =



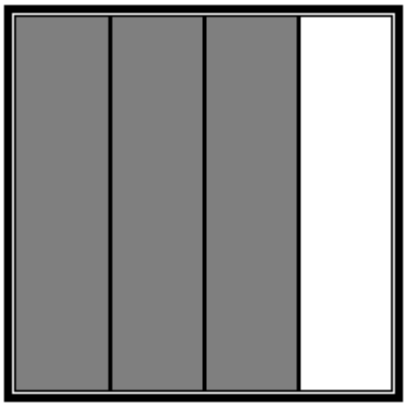
⑦ $\frac{2}{3} \times \frac{1}{2} =$



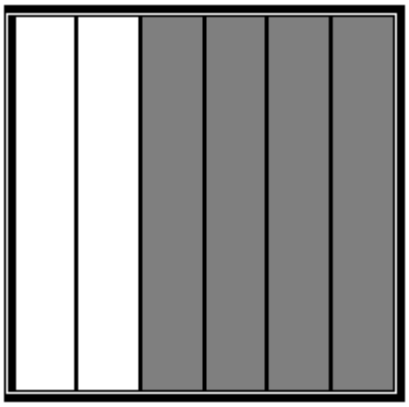
⑧ $\frac{3}{5} \times \frac{2}{3} =$



⑨ $\frac{1}{3} \times \frac{3}{4} =$

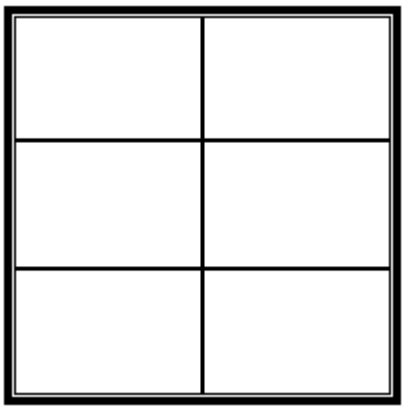


⑩ $\frac{4}{5} \times \frac{4}{6} =$

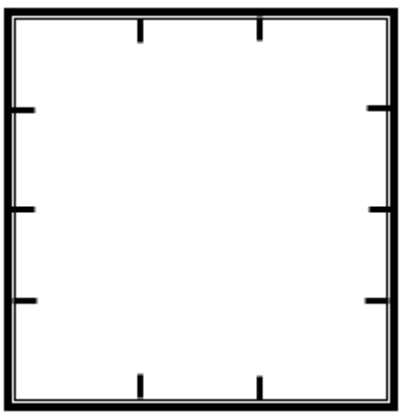


⑪ On the diagram below, shade in the **product** for

$$\frac{1}{2} \times \frac{1}{3}$$



⑫ Use the starter marks to draw the fraction area for this expression: $\frac{2}{3} \times \frac{3}{4}$

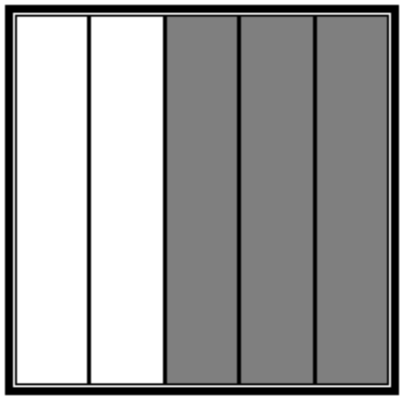


Name _____ Hour _____ Date _____

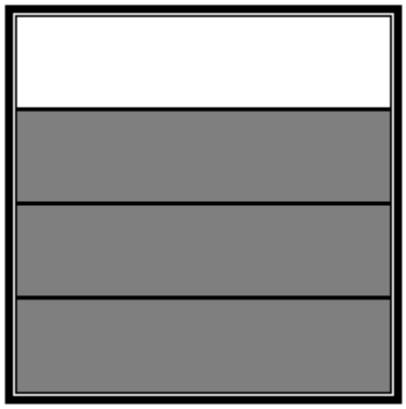
Multiplying Fractions Using An Area Model : [Set B] Two pages

*You must write the correct answer **AND** shade your picture correctly.*

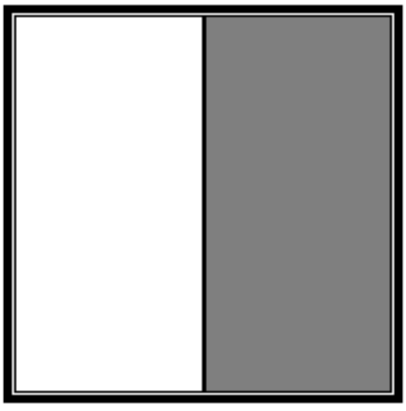
① $\frac{1}{5} \times \frac{3}{5} =$



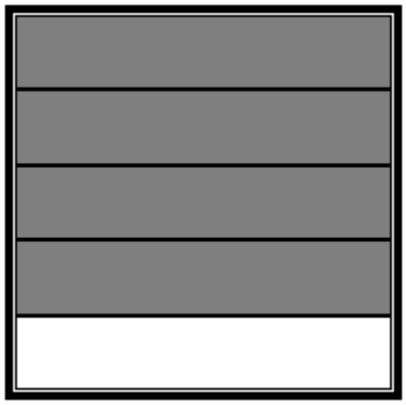
② $\frac{2}{3} \times \frac{3}{4} =$



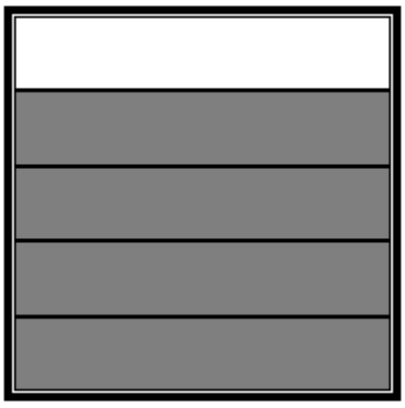
③ $\frac{3}{4} \times \frac{1}{2} =$



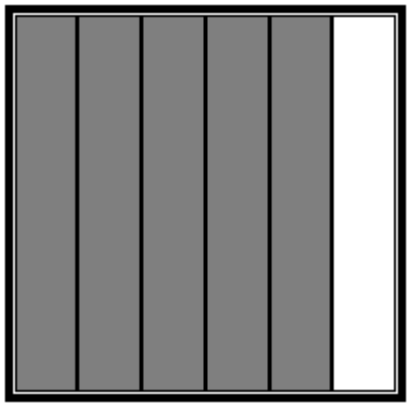
④ $\frac{2}{3} \times \frac{4}{5} =$



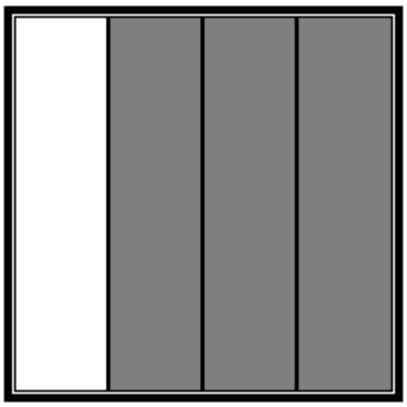
⑤ $\frac{1}{4}$ of $\frac{4}{5} =$



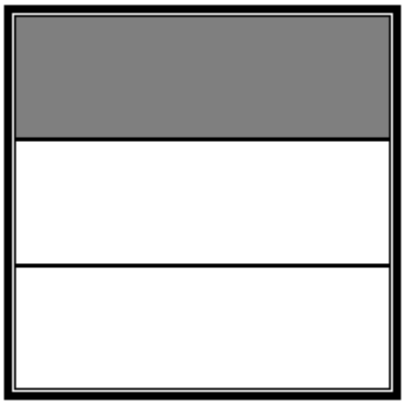
⑥ $\frac{1}{2}$ of $\frac{5}{6} =$



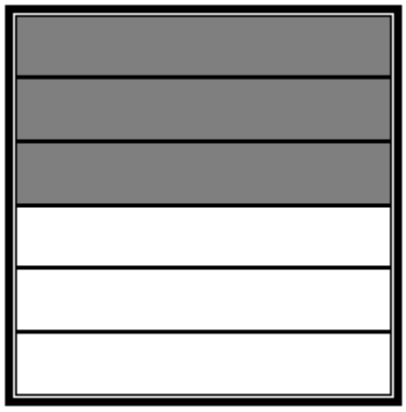
⑦ $\frac{2}{5} \times \frac{3}{4} =$



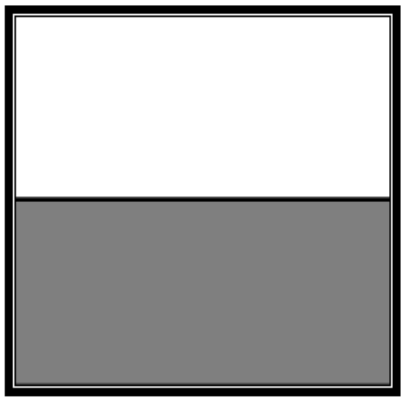
⑧ $\frac{4}{5} \times \frac{1}{3} =$



⑨ $\frac{1}{4} \times \frac{3}{6} =$

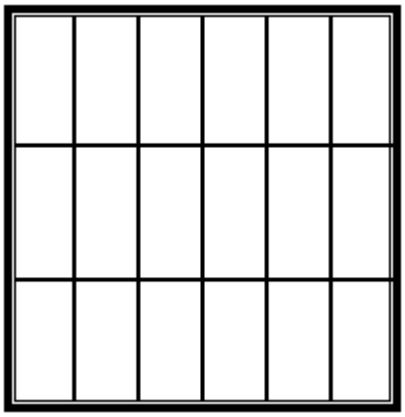


⑩ $\frac{1}{3} \times \frac{1}{2} =$

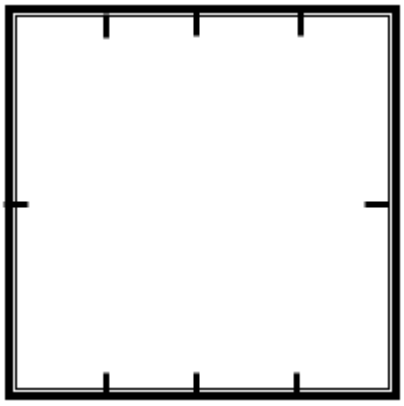


⑪ On the diagram below, shade in the **product** for

$$\frac{4}{6} \times \frac{2}{3}$$



⑫ Use the starter marks to draw the fraction area for this expression: $\frac{2}{4} \times \frac{1}{2}$

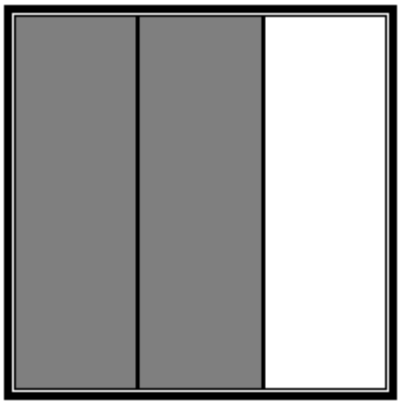


Name _____ Hour _____ Date _____

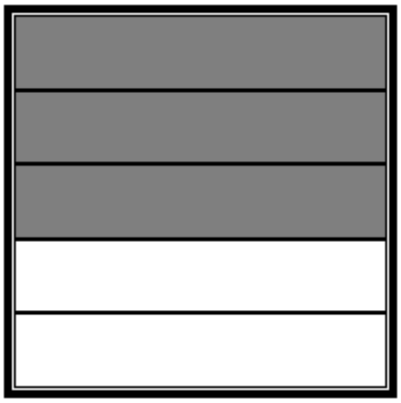
Multiplying Fractions Using An Area Model : [Set C] Two pages

*You must write the correct answer **AND** shade your picture correctly.*

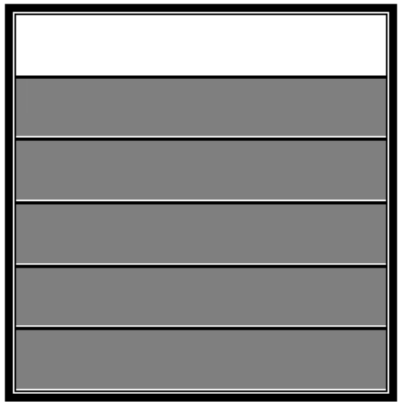
① $\frac{1}{2}$ of $\frac{2}{3}$ =



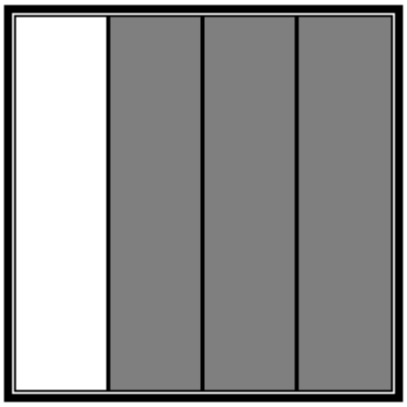
② $\frac{1}{2}$ of $\frac{3}{5}$ =



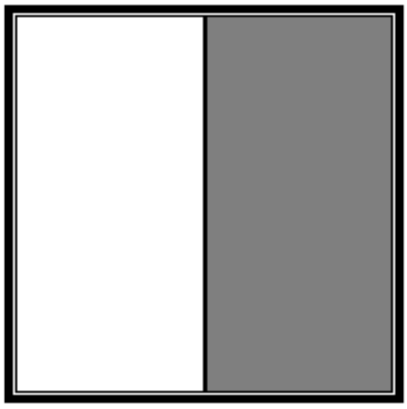
③ $\frac{1}{3}$ of $\frac{5}{6}$ =



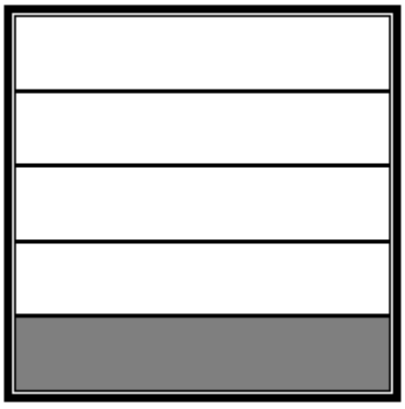
④ $\frac{2}{3}$ of $\frac{3}{4}$ =



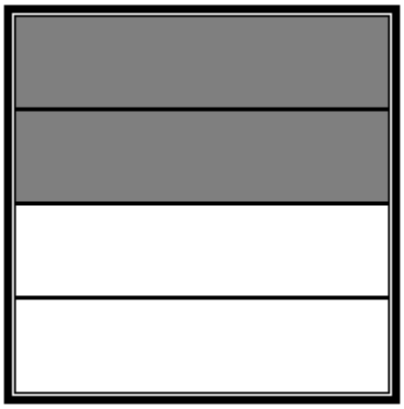
⑤ $\frac{2}{3}$ x $\frac{1}{2}$ =



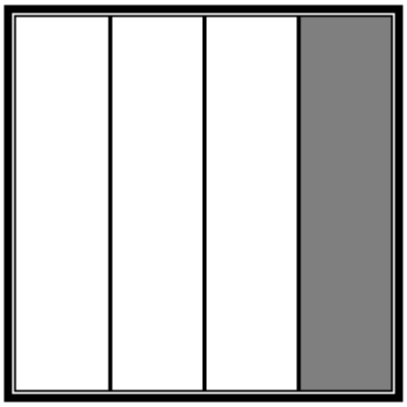
⑥ $\frac{2}{5}$ x $\frac{1}{5}$ =



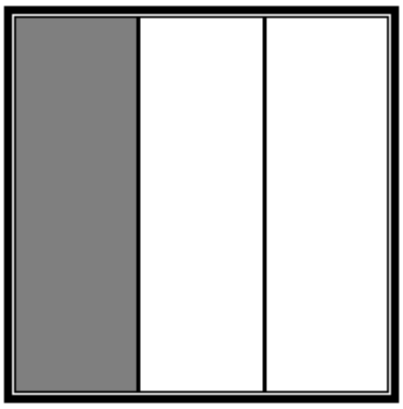
⑦ $\frac{4}{5} \times \frac{2}{4} =$



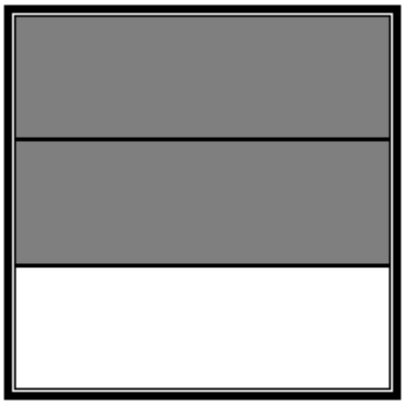
⑧ $\frac{1}{4} \times \frac{1}{4} =$



⑨ $\frac{3}{4} \times \frac{1}{3} =$

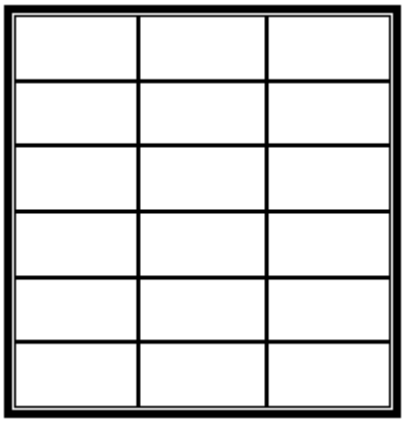


⑩ $\frac{4}{6} \times \frac{2}{3} =$



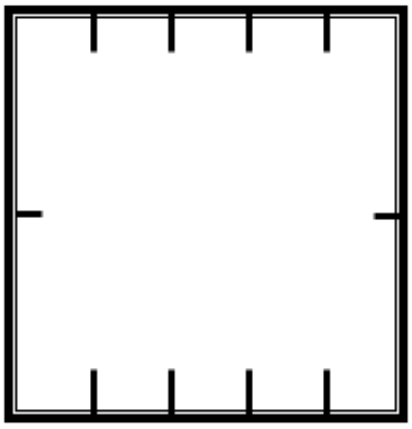
⑪ On the diagram below, shade in the product for

$$\frac{1}{6} \times \frac{2}{3}$$



⑫ Use the starter marks to draw the fraction area for this expression:

$$\frac{3}{5} \times \frac{1}{2}$$



Multiply Fractions by Simplifying Numbers

#1 PRINTOUT (Simplify After Multiplying)

Multiply Fractions : Simplify After Multiplying

Example	$\frac{2}{5} \times \frac{8}{12}$	$\frac{16}{60}$	$\frac{16}{60} \div \frac{\text{(one whole)}\ 4}{4} = \frac{4}{15}$
	1st: Multiply straight across the numerators and straight across the denominators.	2nd: Write your multiplication products that you just calculated.	3rd: Simplify by dividing both the numerator and denominator by a factor that they both have in common. This will give you the final solution.
	Follow these same 3 steps in order to solve the problems on your own.		
#1	$\frac{2}{3} \times \frac{9}{6}$	_____	_____ ÷ ☐/☐ = _____

#2 PRINTOUT (Cross-Cancel Once)

Multiply Fractions : Cross Cancel (simplify) Once

Example	$\frac{9}{\cancel{20}_{5}} \times \frac{\cancel{4}^{1}}{7}$	$\frac{9}{5} \times \frac{1}{7}$	$\frac{9}{5} \times \frac{1}{7} = \frac{9}{35}$
	1st: Simplify One Set (in this case 4÷4=1 and 20÷4=5)	2nd: Rewrite the problem with simplified fractions	3rd: Multiply straight across the now-simplified fractions
	Follow these same 3 steps in order to solve the problems on your own.		
#1	$\frac{2}{3} \times \frac{9}{6}$	_____ x _____	_____ x _____ = _____

#3 PRINTOUT (Cross Cancel Twice)

Multiply Fractions : Cross Cancel (simplify) Twice

Example	$\frac{\cancel{4}^{1}}{50} \times \frac{10}{\cancel{12}_{3}}$	$\frac{1}{\cancel{50}_{5}} \times \frac{\cancel{10}^{1}}{3}$	$\frac{1}{5} \times \frac{1}{3} = \frac{1}{15}$
	1st: Simplify one set (in this case 4÷4=1 and 12÷4=3)	2nd: Simplify the other set (in this case 10÷10=1 and 50÷10=5)	3rd: Multiply straight across the now-simplified fractions
	Follow these same 3 steps in order to solve the problems on your own.		
#1	$\frac{2}{3} \times \frac{9}{6}$	_____ x _____	_____ x _____ = _____

Name _____ Hour _____ Date _____

Multiply Fractions : Simplify After Multiplying

Example	$\frac{2}{5} \times \frac{8}{12}$	$\frac{16}{60}$	$\frac{16}{60} \div \frac{\text{(one whole) } 4}{4} = \frac{4}{15}$
	1st: Multiply straight across the numerators and straight across the denominators.	2nd: Write your multiplication products that you just calculated.	3rd: Simplify by dividing both the numerator and denominator by a factor that they both have in common. This will give you the final solution.
	Follow these same 3 steps in order to solve the problems on your own.		
#1	$\frac{2}{3} \times \frac{9}{6}$	_____	_____ ÷ ☐/☐ = _____
#2	$\frac{6}{9} \times \frac{2}{4}$	_____	_____ ÷ ☐/☐ = _____
#3	$\frac{8}{4} \times \frac{5}{15}$	_____	_____ ÷ ☐/☐ = _____
#4	$\frac{16}{9} \times \frac{2}{4}$	_____	_____ ÷ ☐/☐ = _____
#5	$\frac{3}{5} \times \frac{6}{9}$	_____	_____ ÷ ☐/☐ = _____
#6	$\frac{2}{3} \times \frac{5}{20}$	_____	_____ ÷ ☐/☐ = _____
#7	$\frac{2}{4} \times \frac{6}{7}$	_____	_____ ÷ ☐/☐ = _____
#8	$\frac{10}{8} \times \frac{4}{7}$	_____	_____ ÷ ☐/☐ = _____
#9	$\frac{3}{7} \times \frac{7}{4}$	_____	_____ ÷ ☐/☐ = _____
#10	$\frac{16}{9} \times \frac{2}{4}$	_____	_____ ÷ ☐/☐ = _____
#11	$\frac{2}{3} \times \frac{6}{8}$	_____	_____ ÷ ☐/☐ = _____

Name _____ Hour _____ Date _____

Multiply Fractions : Cross Cancel (simplify) Once

Example	$\frac{\cancel{9}^{1}}{\cancel{20}_{5}} \times \frac{\cancel{4}}{7}$	$\frac{9}{5} \times \frac{1}{7}$	$\frac{9}{5} \times \frac{1}{7} = \frac{9}{35}$
	1st: Simplify One Set (in this case 4÷4=1 and 20÷4=5)	2nd: Rewrite the problem with simplified fractions	3rd: Multiply straight across the now-simplified fractions
	Follow these same 3 steps in order to solve the problems on your own.		
#1	$\frac{2}{3} \times \frac{9}{6}$	____ x ____	____ x ____ = ____
#2	$\frac{6}{9} \times \frac{2}{4}$	____ x ____	____ x ____ = ____
#3	$\frac{8}{4} \times \frac{5}{15}$	____ x ____	____ x ____ = ____
#4	$\frac{16}{9} \times \frac{2}{4}$	____ x ____	____ x ____ = ____
#5	$\frac{3}{5} \times \frac{6}{9}$	____ x ____	____ x ____ = ____
#6	$\frac{2}{3} \times \frac{5}{20}$	____ x ____	____ x ____ = ____
#7	$\frac{2}{4} \times \frac{6}{7}$	____ x ____	____ x ____ = ____
#8	$\frac{10}{8} \times \frac{4}{7}$	____ x ____	____ x ____ = ____
#9	$\frac{3}{7} \times \frac{7}{4}$	____ x ____	____ x ____ = ____
#10	$\frac{16}{9} \times \frac{2}{4}$	____ x ____	____ x ____ = ____
#11	$\frac{2}{3} \times \frac{6}{8}$	____ x ____	____ x ____ = ____

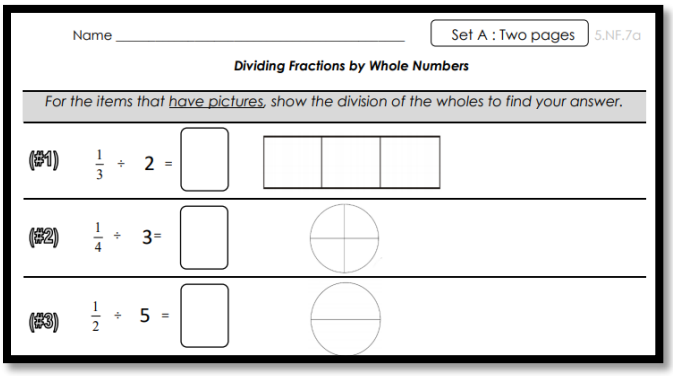
Name _____ Hour _____ Date _____

Multiply Fractions : Cross Cancel (simplify) Twice

Example	$\frac{\cancel{4}^{1}}{50} \times \frac{10}{\cancel{12}_{3}}$	$\frac{1}{\cancel{50}_{5}} \times \frac{\cancel{10}^{1}}{3}$	$\frac{1}{5} \times \frac{1}{3} = \frac{1}{15}$
	1st: Simplify one set (in this case 4÷4=1 and 12÷4=3)	2nd: Simplify the other set (in this case 10÷10=1 and 50÷10=5)	3rd: Multiply straight across the now-simplified fractions
	Follow these same 3 steps in order to solve the problems on your own.		
#1	$\frac{2}{3} \times \frac{9}{6}$	____ x ____	____ x ____ = ____
#2	$\frac{6}{9} \times \frac{2}{4}$	____ x ____	____ x ____ = ____
#3	$\frac{8}{4} \times \frac{5}{15}$	____ x ____	____ x ____ = ____
#4	$\frac{16}{9} \times \frac{2}{4}$	____ x ____	____ x ____ = ____
#5	$\frac{3}{5} \times \frac{6}{9}$	____ x ____	____ x ____ = ____
#6	$\frac{2}{3} \times \frac{5}{20}$	____ x ____	____ x ____ = ____
#7	$\frac{2}{4} \times \frac{6}{7}$	____ x ____	____ x ____ = ____
#8	$\frac{10}{8} \times \frac{4}{7}$	____ x ____	____ x ____ = ____
#9	$\frac{3}{7} \times \frac{7}{4}$	____ x ____	____ x ____ = ____
#10	$\frac{16}{9} \times \frac{2}{4}$	____ x ____	____ x ____ = ____
#11	$\frac{2}{3} \times \frac{6}{8}$	____ x ____	____ x ____ = ____

Whole Numbers ÷ Unit Fractions

#1 PRINTOUT (Set A)



Name _____ Set A : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

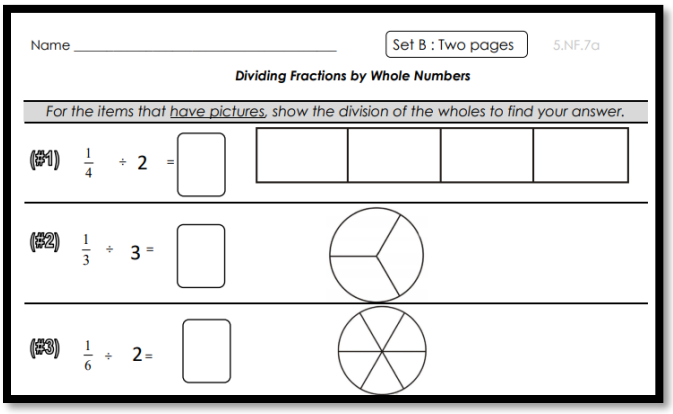
For the items that have pictures, show the division of the wholes to find your answer.

(#1) $\frac{1}{3} \div 2 =$ ☐

(#2) $\frac{1}{4} \div 3 =$ ☐

(#3) $\frac{1}{2} \div 5 =$ ☐

#2 PRINTOUT (Set B)



Name _____ Set B : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

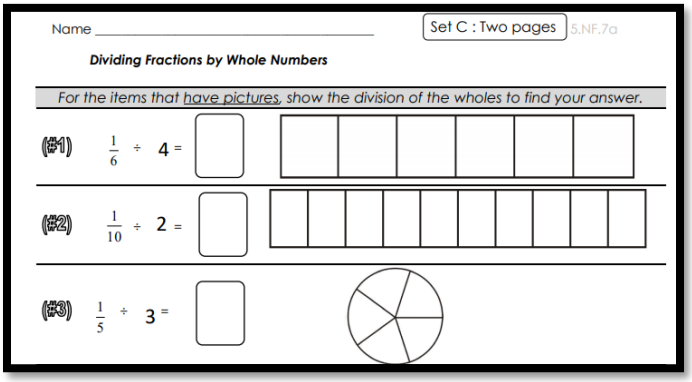
For the items that have pictures, show the division of the wholes to find your answer.

(#1) $\frac{1}{4} \div 2 =$ ☐

(#2) $\frac{1}{3} \div 3 =$ ☐

(#3) $\frac{1}{6} \div 2 =$ ☐

#3 PRINTOUT (Set C)



Name _____ Set C : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

For the items that have pictures, show the division of the wholes to find your answer.

(#1) $\frac{1}{6} \div 4 =$ ☐

(#2) $\frac{1}{10} \div 2 =$ ☐

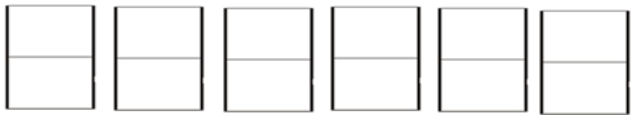
(#3) $\frac{1}{5} \div 3 =$ ☐

Name _____ Set A : Two pages 5.NF.7b

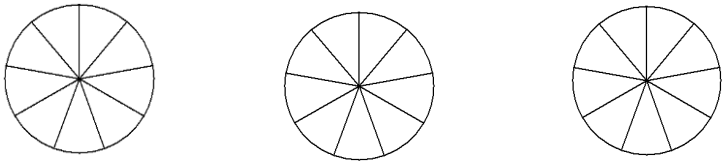
Dividing Whole Numbers by Fractions

For the items that <u>have pictures</u>, show the division of the wholes to find your answer.

(#1) $2 \div \frac{1}{4} =$ 

(#2) $6 \div \frac{1}{2} =$ 

(#3) $\div$ = 

(#4) $3 \div \frac{1}{9} =$ 

For the items that have <u>no pictures</u>, use a math calculation to find your answer.

(#5) $4 \div \frac{1}{9} =$

(#6) $2 \div \frac{1}{5} =$

(#7) $3 \div \frac{1}{10} =$

(#8) $8 \div \frac{1}{7} =$

(#9) $6 \div \frac{1}{10} =$

*Complete the division sentences and **then** write a full multiplication equation.*

(#10) $4 \div \frac{1}{3} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#11) $7 \div \frac{1}{8} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#12) $6 \div \frac{1}{4} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#13) $9 \div \frac{1}{5} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

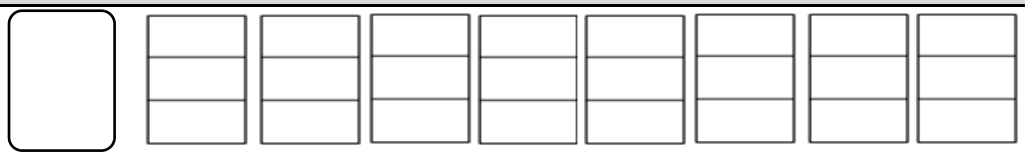
(#14) $12 \div \frac{1}{6} =$ ☐ Solve the division here:

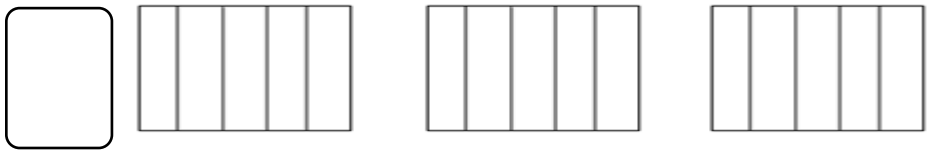
Write a multiplication sentence based on the division solution:

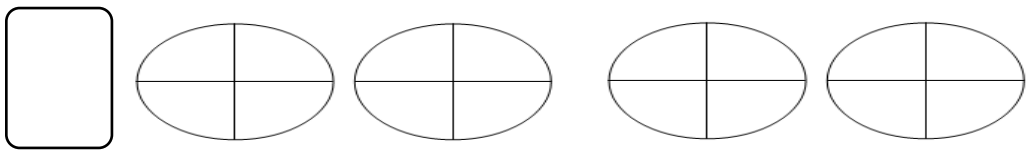
Name _____ Set B : Two pages 5.NF.7b

Dividing Whole Numbers by Fractions

For the items that have pictures, show the division of the wholes to find your answer.

(#1) $8 \div \frac{1}{3} =$ 

(#2) $3 \div \frac{1}{5} =$ 

(#3) $4 \div \frac{1}{4} =$ 

(#4) $7 \div \frac{1}{2} =$ 

For the items that have no pictures, use a math calculation to find your answer.

(#5) $12 \div \frac{1}{5} =$

(#6) $5 \div \frac{1}{9} =$

(#7) $4 \div \frac{1}{6} =$

(#8) $10 \div \frac{1}{13} =$

(#9) $9 \div \frac{1}{8} =$

Complete the division sentences and then write a full multiplication equation.

(#10) $10 \div \frac{1}{7} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#11) $8 \div \frac{1}{4} =$ ☐ Solve the division here:

(#12) $2 \div \frac{1}{9} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#13) $5 \div \frac{1}{6} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#14) $3 \div \frac{1}{12} =$ ☐ Solve the division here:

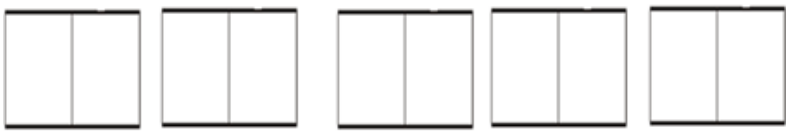
Write a multiplication sentence based on the division solution:

Name _____ Set C : Two pages 5.NF.7b

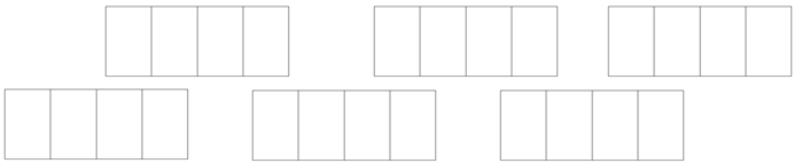
Dividing Whole Numbers by Fractions

For the items that <u>have pictures</u>, show the division of the wholes to find your answer.

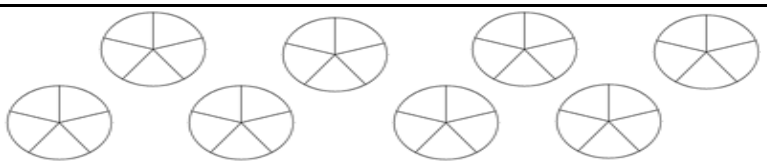
(#1) $5 \div \frac{1}{2} =$ ☐



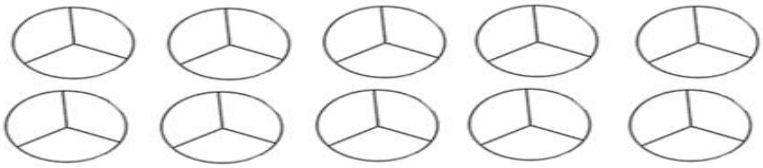
(#2) $6 \div \frac{1}{4} =$ ☐



(#3) $8 \div \frac{1}{5} =$ ☐



(#4) $10 \div \frac{1}{3} =$ ☐



For the items that have <u>no pictures</u>, use a math calculation to find your answer.

(#5) $5 \div \frac{1}{11} =$ ☐

(#6) $9 \div \frac{1}{3} =$ ☐

(#7) $7 \div \frac{1}{8} =$ ☐

(#8) $11 \div \frac{1}{3} =$ ☐

(#9) $8 \div \frac{1}{4} =$ ☐

Complete the division sentences and then write a full multiplication equation.

(#10) $3 \div \frac{1}{8} =$ ☐ Solve the division here:

(#11) $5 \div \frac{1}{7} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#12) $8 \div \frac{1}{2} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#13) $9 \div \frac{1}{5} =$ ☐ Solve the division here:

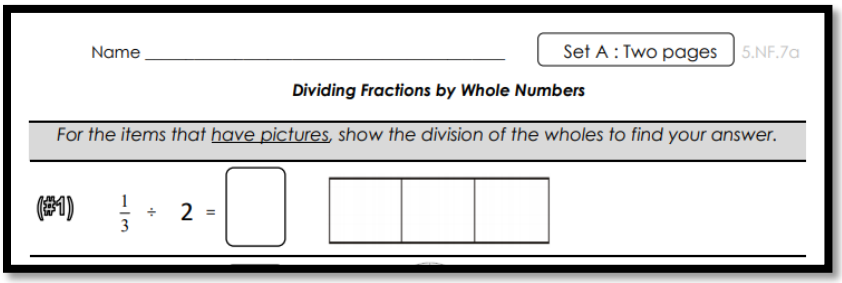
Write a multiplication sentence based on the division solution:

(#14) $4 \div \frac{1}{4} =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

Unit Fractions ÷ Whole Numbers

#1 PRINTOUT (Set A)



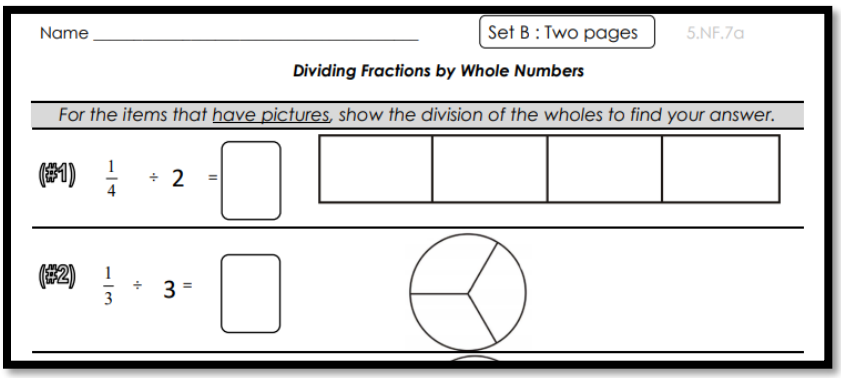
Name _____ Set A : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

For the items that have pictures, show the division of the wholes to find your answer.

(#1) $\frac{1}{3} \div 2 =$ ☐

#2 PRINTOUT (Set B)



Name _____ Set B : Two pages 5.NF.7a

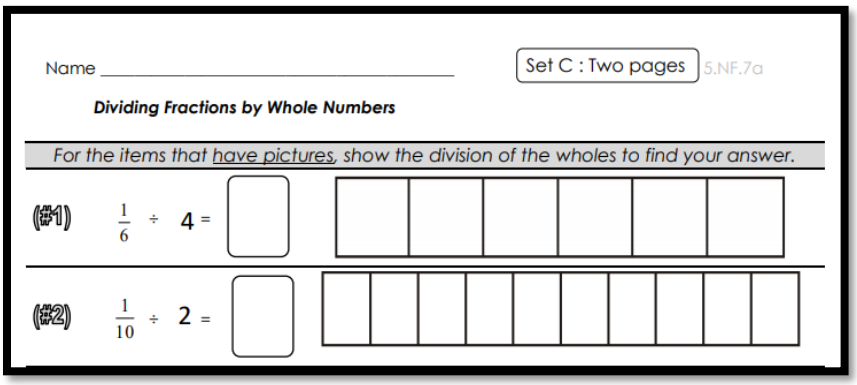
Dividing Fractions by Whole Numbers

For the items that have pictures, show the division of the wholes to find your answer.

(#1) $\frac{1}{4} \div 2 =$ ☐

(#2) $\frac{1}{3} \div 3 =$ ☐

#3 PRINTOUT (Set C)



Name _____ Set C : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

For the items that have pictures, show the division of the wholes to find your answer.

(#1) $\frac{1}{6} \div 4 =$ ☐

(#2) $\frac{1}{10} \div 2 =$ ☐

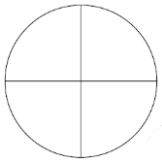
Name _____ Set A : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

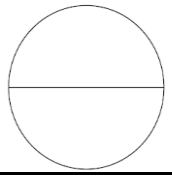
For the items that <u>have pictures</u>, show the division of the wholes to find your answer.

(#1) $\frac{1}{3} \div 2 =$ ☐

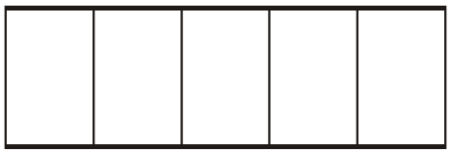
(#2) $\frac{1}{4} \div 3 =$ ☐



(#3) $\frac{1}{2} \div 5 =$ ☐



(#4) $\frac{1}{5} \div 4 =$ ☐



For the items that have <u>no pictures</u>, use a math calculation to find your answer.

(#5) $\frac{1}{8} \div 5 =$ ☐

(#6) $\frac{1}{7} \div 3 =$ ☐

(#7) $\frac{1}{10} \div 4 =$ ☐

(#8) $\frac{1}{9} \div 2 =$ ☐

(#9) $\frac{1}{12} \div 3 =$ ☐

*Complete the division sentences and then write a full **multiplication** equation.*

(#10) $\frac{1}{3} \div 4 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#11) $\frac{1}{8} \div 2 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#12) $\frac{1}{7} \div 4 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#13) $\frac{1}{9} \div 8 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#14) $\frac{1}{2} \div 6 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

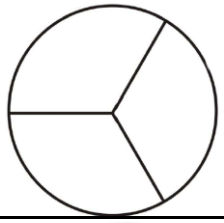
Name _____ Set B : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

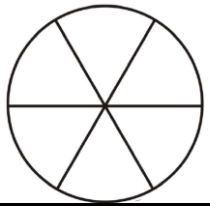
For the items that <u>have pictures</u>, show the division of the wholes to find your answer.

(#1) $\frac{1}{4} \div 2 =$ ☐

(#2) $\frac{1}{3} \div 3 =$ ☐



(#3) $\frac{1}{6} \div 2 =$ ☐



(#4) $\frac{1}{2} \div 3 =$ ☐

For the items that have <u>no pictures</u>, use a math calculation to find your answer.

(#5) $\frac{1}{7} \div 2 =$ ☐

(#6) $\frac{1}{9} \div 7 =$ ☐

(#7) $\frac{1}{10} \div 3 =$ ☐

(#8) $\frac{1}{8} \div 6 =$ ☐

(#9) $\frac{1}{5} \div 8 =$ ☐

*Complete the division sentences and then write a full **multiplication** equation.*

(#10) $\frac{1}{6} \div 12 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#11) $\frac{1}{10} \div 7 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#12) $\frac{1}{8} \div 11 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#13) $\frac{1}{4} \div 4 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#14) $\frac{1}{15} \div 3 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

Name _____

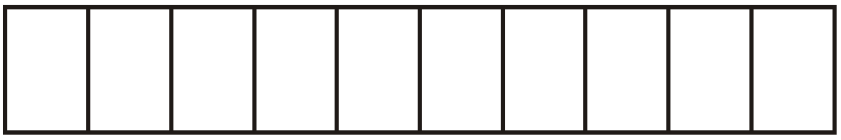
Set C : Two pages 5.NF.7a

Dividing Fractions by Whole Numbers

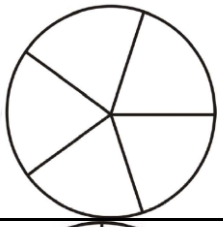
For the items that <u>have pictures</u>, show the division of the wholes to find your answer.

(#1) $\frac{1}{6} \div 4 =$ ☐

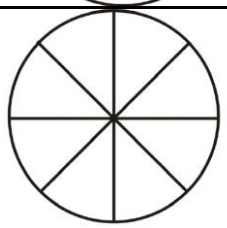
(#2) $\frac{1}{10} \div 2 =$ ☐



(#3) $\frac{1}{5} \div 3 =$ ☐



(#4) $\frac{1}{8} \div 4 =$ ☐



For the items that have <u>no pictures</u>, use a math calculation to find your answer.

(#5) $\frac{1}{6} \div 5 =$ ☐

(#6) $\frac{1}{4} \div 9 =$ ☐

(#7) $\frac{1}{12} \div 7 =$ ☐

(#8) $\frac{1}{3} \div 8 =$ ☐

(#9) $\frac{1}{11} \div 4 =$ ☐

*Complete the division sentences and then write a full **multiplication** equation.*

(#10) $\frac{1}{12} \div 9 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#11) $\frac{1}{5} \div 13 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#12) $\frac{1}{8} \div 7 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

(#13) $\frac{1}{6} \div 6 =$ ☐ Solve the division here:

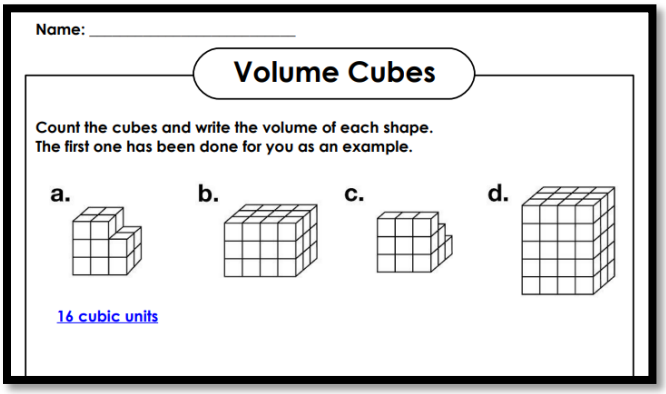
Write a multiplication sentence based on the division solution:

(#14) $\frac{1}{11} \div 4 =$ ☐ Solve the division here:

Write a multiplication sentence based on the division solution:

Count Cubes to Calculate Volume

#1 PRINTOUT (with answers for you to refer to)


Name: _____

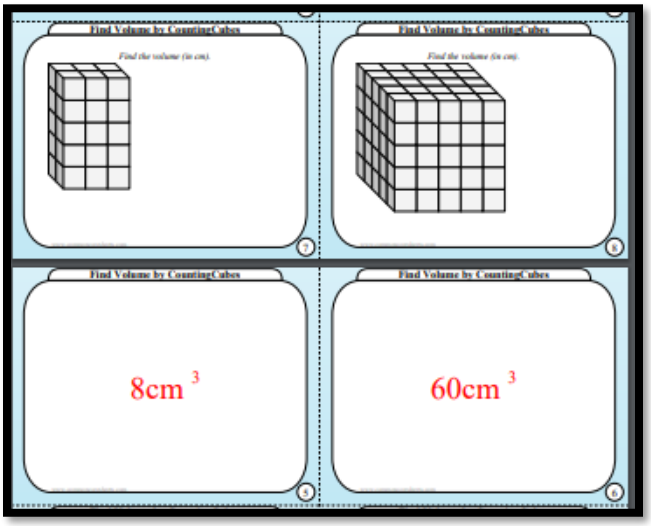
Volume Cubes

Count the cubes and write the volume of each shape.
The first one has been done for you as an example.

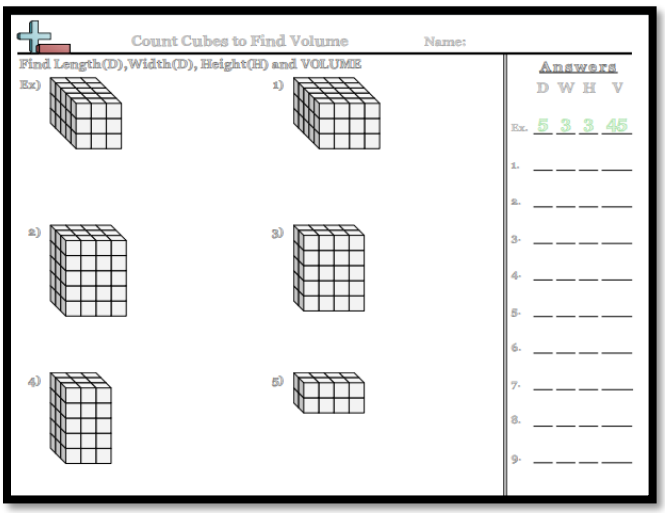
a. b. c. d.

16 cubic units

#2 FLASHCARDS (with answers to refer to)



#3 PRINTOUT (with answers for you to refer to)


Count Cubes to Find Volume Name:

Find Length(D), Width(D), Height(H) and VOLUME

Ex) 1) 2) 3) 4) 5)

Answers

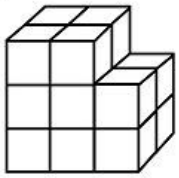
	D	W	H	V
Ex.	5	3	3	45
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				

Name: _____

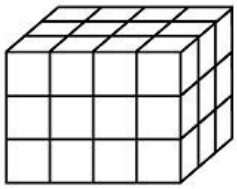
Volume Cubes

Count the cubes and write the volume of each shape.
The first one has been done for you as an example.

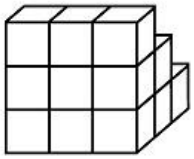
a.



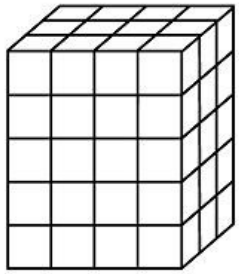
b.



c.

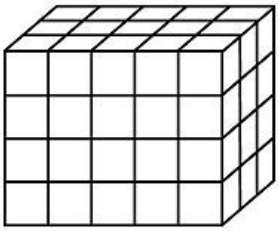


d.

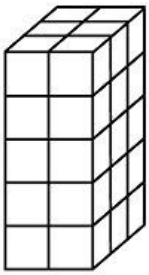


16 cubic units

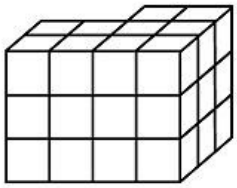
e.



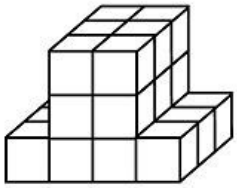
f.



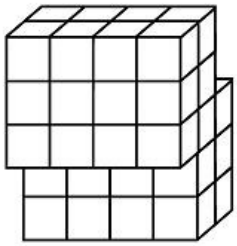
g.



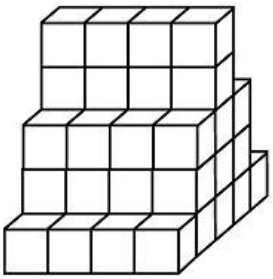
h.



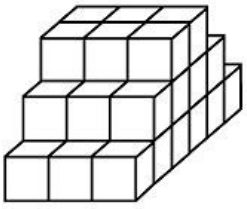
i.



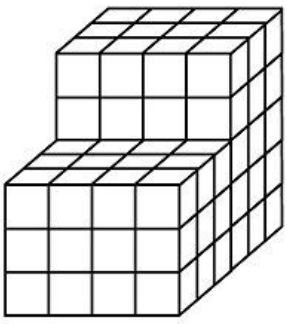
j.



k.



l.

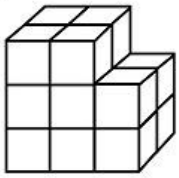


Name: _____

Volume Cubes - ANSWER KEY

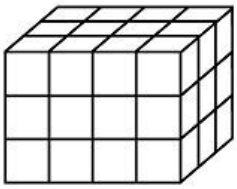
Count the cubes and write the volume of each shape.
The first one has been done for you as an example.

a.



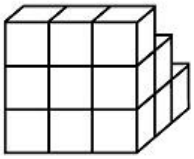
16 cubic units

b.



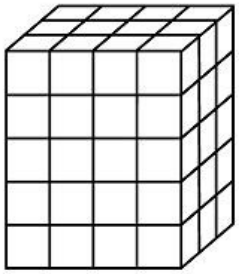
36 cubic units

c.



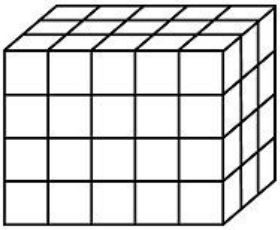
18 cubic units

d.



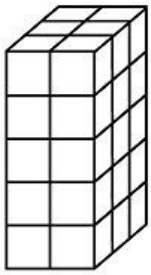
60 cubic units

e.



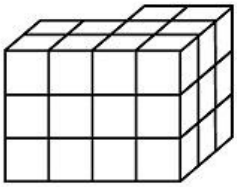
60 cubic units

f.



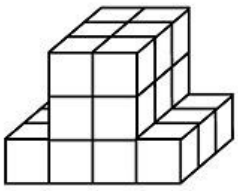
30 cubic units

g.



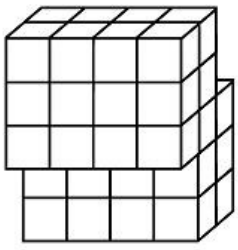
30 cubic units

h.



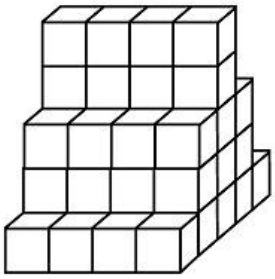
24 cubic units

i.



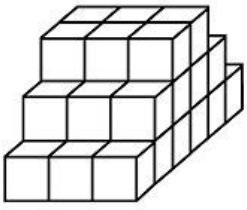
44 cubic units

j.



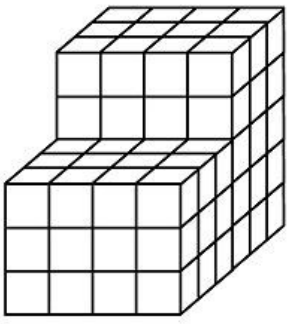
52 cubic units

k.



36 cubic units

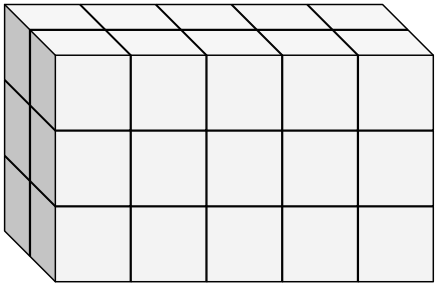
l.



96 cubic units

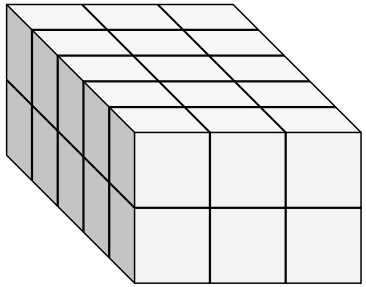
Find Volume by CountingCubes

Find the volume (in cm).



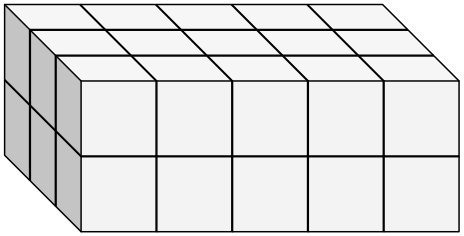
Find Volume by CountingCubes

Find the volume (in cm).



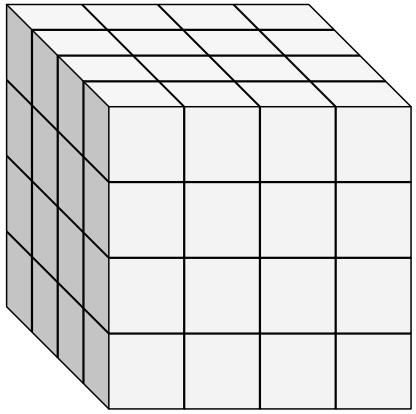
Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

$30cm^3$

1

Find Volume by CountingCubes

$30cm^3$

2

Find Volume by CountingCubes

$30cm^3$

3

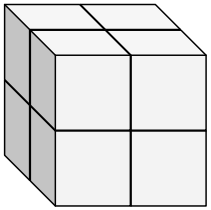
Find Volume by CountingCubes

$64cm^3$

4

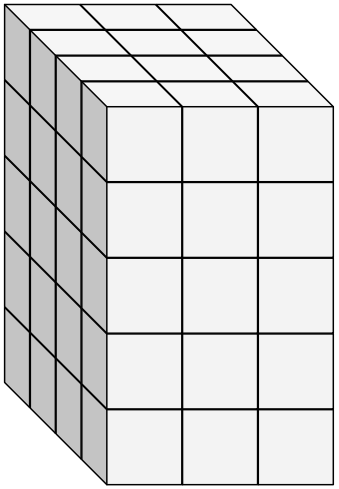
Find Volume by CountingCubes

Find the volume (in cm).



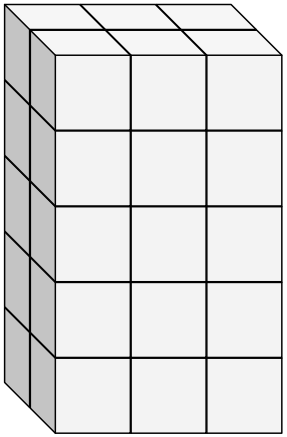
Find Volume by CountingCubes

Find the volume (in cm).



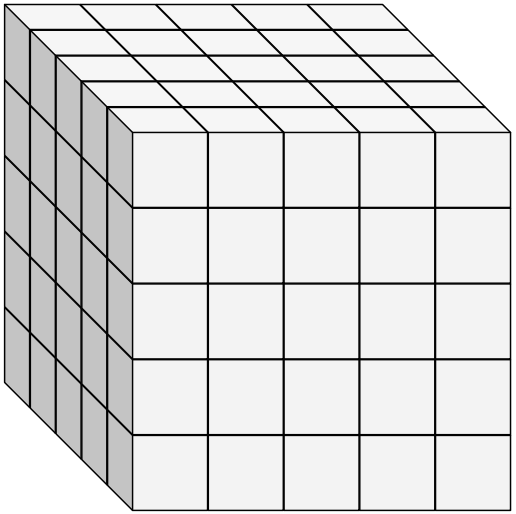
Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

$8cm^3$

5

Find Volume by CountingCubes

$60cm^3$

6

Find Volume by CountingCubes

$30cm^3$

7

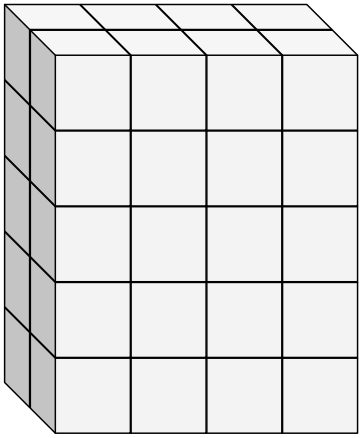
Find Volume by CountingCubes

$125cm^3$

8

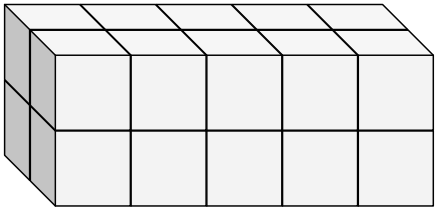
Find Volume by CountingCubes

Find the volume (in cm).



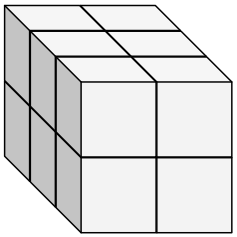
Find Volume by CountingCubes

Find the volume (in cm).



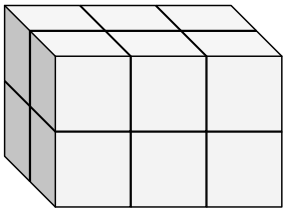
Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

$40cm^3$

9

Find Volume by CountingCubes

$20cm^3$

10

Find Volume by CountingCubes

$12cm^3$

11

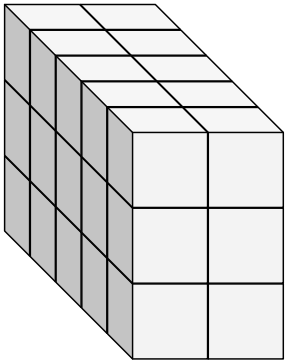
Find Volume by CountingCubes

$12cm^3$

12

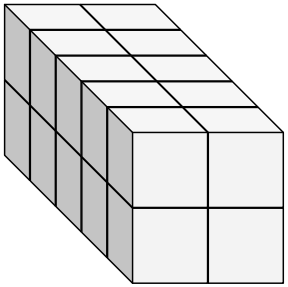
Find Volume by CountingCubes

Find the volume (in cm).



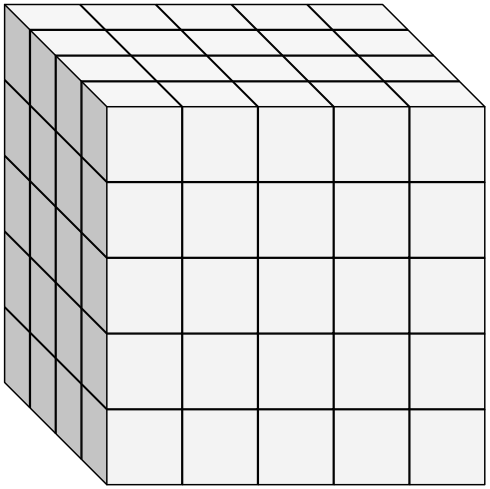
Find Volume by CountingCubes

Find the volume (in cm).



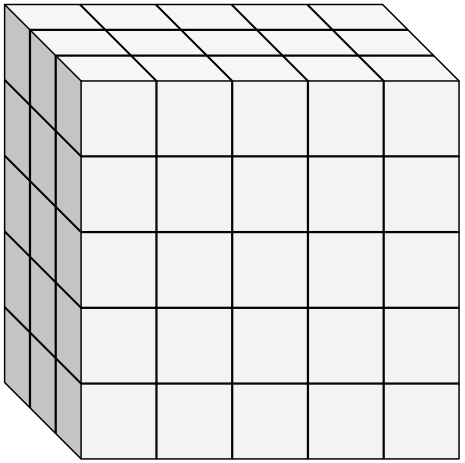
Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

$30cm^3$

13

Find Volume by CountingCubes

$20cm^3$

14

Find Volume by CountingCubes

$100cm^3$

15

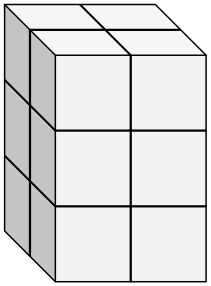
Find Volume by CountingCubes

$75cm^3$

16

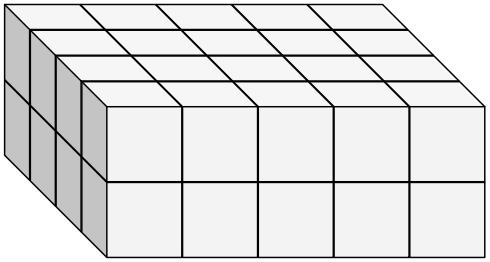
Find Volume by CountingCubes

Find the volume (in cm).



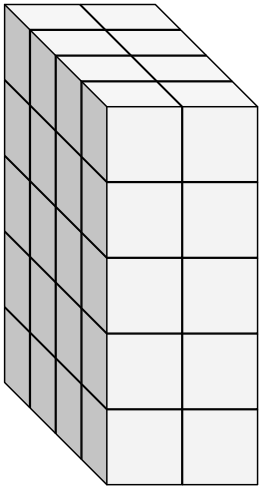
Find Volume by CountingCubes

Find the volume (in cm).



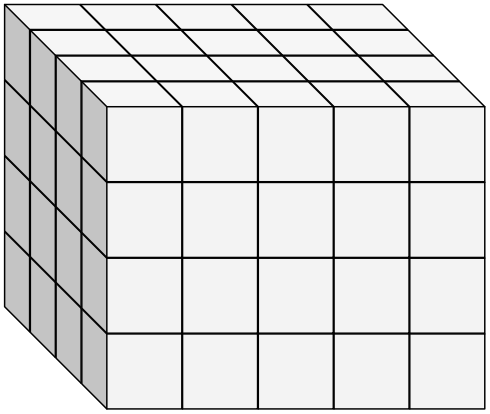
Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

Find the volume (in cm).



Find Volume by CountingCubes

$12cm^3$

17

Find Volume by CountingCubes

$40cm^3$

18

Find Volume by CountingCubes

$40cm^3$

19

Find Volume by CountingCubes

$80cm^3$

20

Name:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

Name:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

Math www.commoncoresheets.com

Name:

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

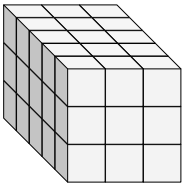
1. $30cm^3$
2. $30cm^3$
3. $30cm^3$
4. $64cm^3$
5. $8cm^3$
6. $60cm^3$
7. $30cm^3$
8. $125cm^3$
9. $40cm^3$
10. $20cm^3$
11. $12cm^3$
12. $12cm^3$
13. $30cm^3$
14. $20cm^3$
15. $100cm^3$
16. $75cm^3$
17. $12cm^3$
18. $40cm^3$
19. $40cm^3$
20. $80cm^3$

Count Cubes to Find Volume

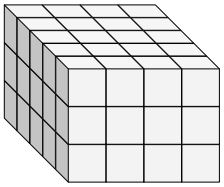
Name:

Find Length(D), Width(D), Height(H) and VOLUME

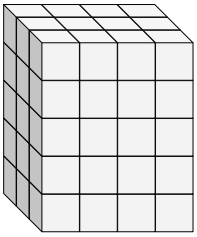
Ex)



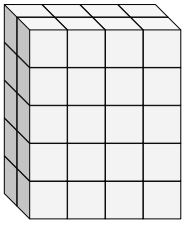
1)



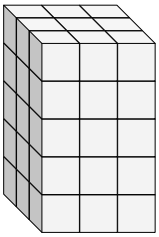
2)



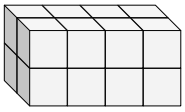
3)



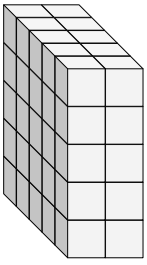
4)



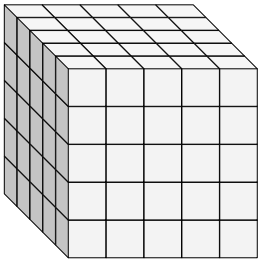
5)



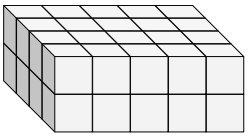
6)



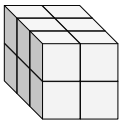
7)



8)



9)



Answers

	D	W	H	V
Ex.	5	3	3	45
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				

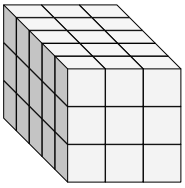
1-9	89	78	67	56	44	33	22	11	0

Count Cubes to Find Volume

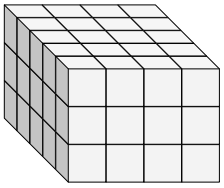
Name: Answer Key

Find Length(D), Width(D), Height(H) and VOLUME

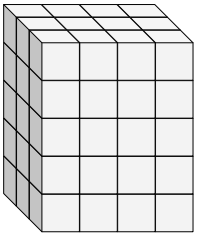
Ex)



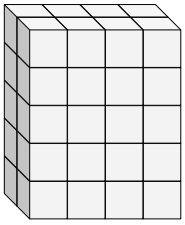
1)



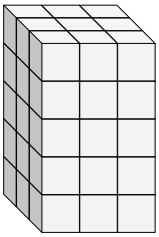
2)



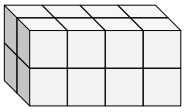
3)



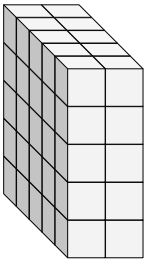
4)



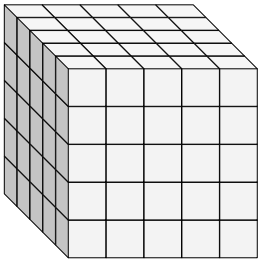
5)



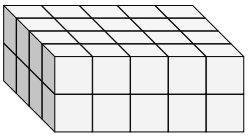
6)



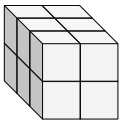
7)



8)



9)



Answers

	D	W	H	V
Ex.	5	3	3	45
1.	5	4	3	60
2.	3	4	5	60
3.	2	4	5	40
4.	3	3	5	45
5.	2	4	2	16
6.	5	2	5	50
7.	5	5	5	125
8.	4	5	2	40
9.	3	2	2	12

Volumes of Rectangular Prisms (Length x Width x Height)

#1 PRINTOUT (Set A)

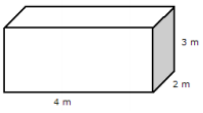
Name _____ Set A Two pages

Volumes of Rectangular Prisms

Be sure to include the correct units.

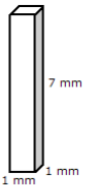
Remember:
The volume of a rectangular prism is
LENGTH x WIDTH x HEIGHT

#1



Volume = _____

#2



Volume = _____

#2 PRINTOUT (Set B)

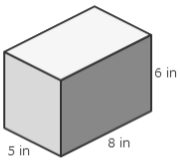
Name _____ Set B Two pages

Volumes of Rectangular Prisms

Be sure to include the correct units.

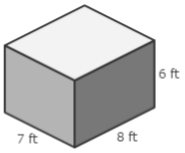
Remember:
The volume of a rectangular prism is
LENGTH x WIDTH x HEIGHT

#1



Volume = _____

#2



Volume = _____

#3 PRINTOUT (Set C)

Name _____ Set C Two pages

Calculating Volume of Rectangular Prisms

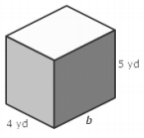
Be sure to include the correct units.

Remember:
The volume of a rectangular prism is
LENGTH x WIDTH x HEIGHT

#1 The volume of this rectangular prism is 60 yd^3.

What is the missing measurement for the value of b?

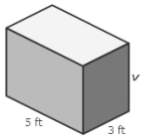
_____



#2 The volume of this rectangular prism is 60 ft^3.

What is its height?

_____



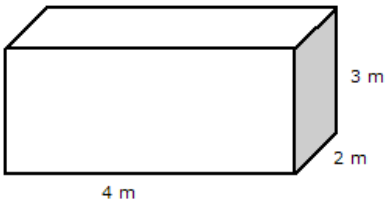
Name _____ Set A Two pages

Volumes of Rectangular Prisms

Be sure to include the correct units.

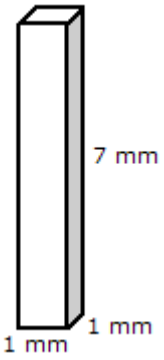
Remember:
The volume of a rectangular prism is
LENGTH x WIDTH x HEIGHT

#1



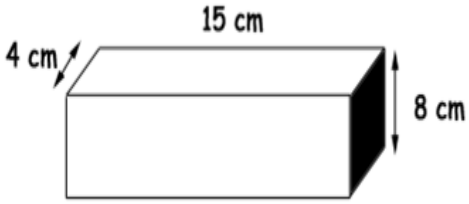
Volume = _____

#2



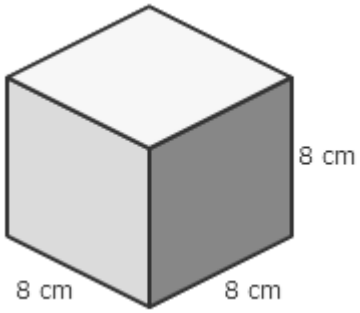
Volume = _____

#3



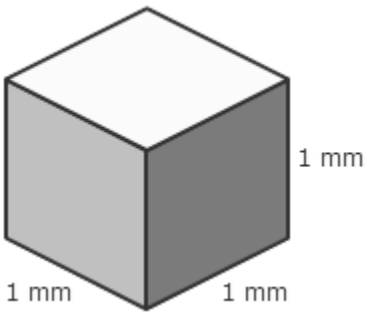
Volume = _____

#4



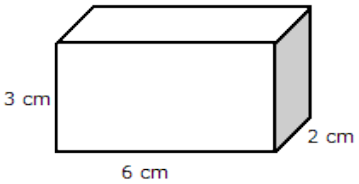
Volume = _____

#5



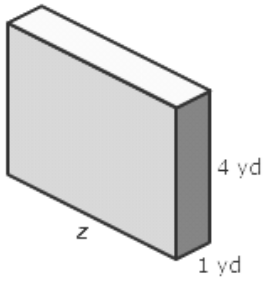
Volume = _____

#6



Volume = _____

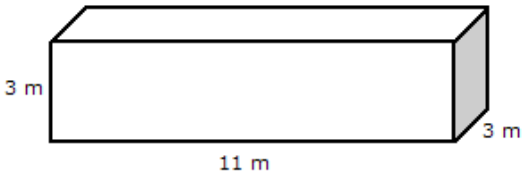
#7



The volume of this rectangular prism is 24 yd^3.
What is the missing measurement for z?

_____

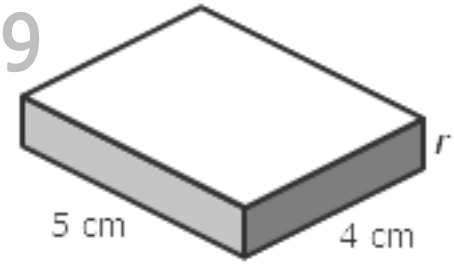
#8



Look at the horse trough above.
What is its volume?

_____

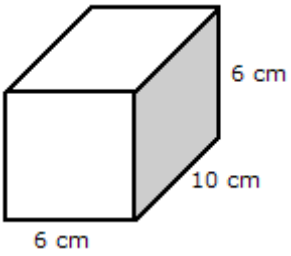
#9



The volume of this rectangular prism is 20 cm^3.
What is the missing measurement for r?

_____

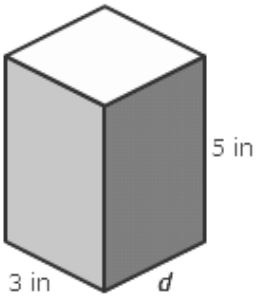
#10



Look at the recipe card box above.
What is its volume?

_____

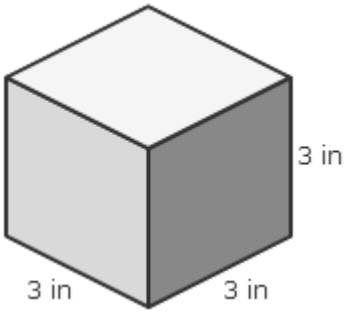
#11



The volume of this rectangular prism is 60 in^3.
What is the missing measurement for d?

_____

#12



Look at the ornament box above.
What is its volume?

_____

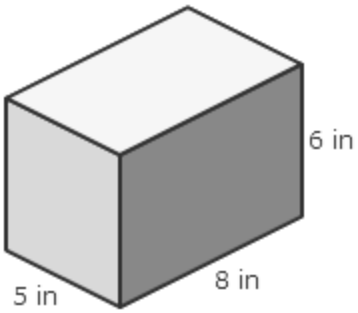
Name _____ Set B Two pages

Volumes of Rectangular Prisms

Be sure to include the correct units.

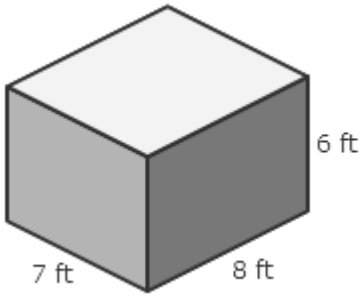
Remember:
The volume of a rectangular prism is
LENGTH x WIDTH x HEIGHT

#1



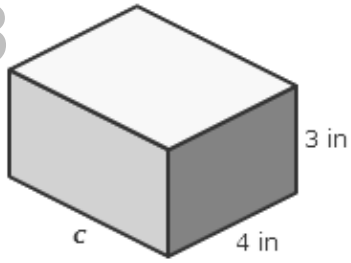
Volume = _____

#2



Volume = _____

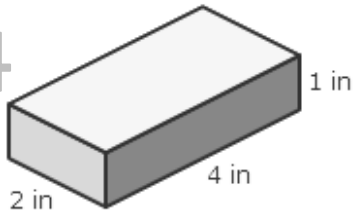
#3



The volume of this rectangular prism is 72 in^3.
What is the missing measurement for *c*?

_____

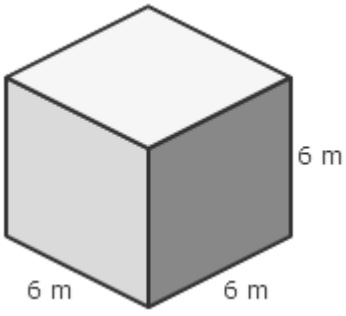
#4



Look at the dollhouse drawer above.
What is its volume?

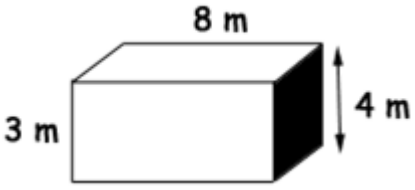
_____

#5



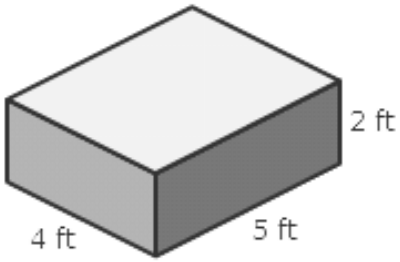
Volume = _____

#6



Volume = _____

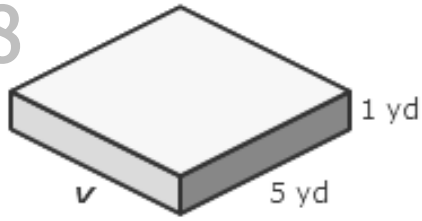
#7



Look at the sandbox above.
What is its volume?

_____

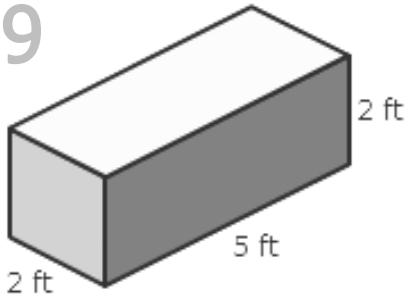
#8



The volume of this rectangular prism is 30 yd^3.
What is the missing measurement for v?

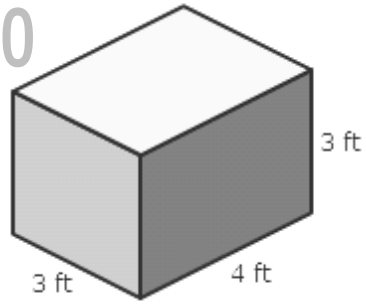
_____

#9



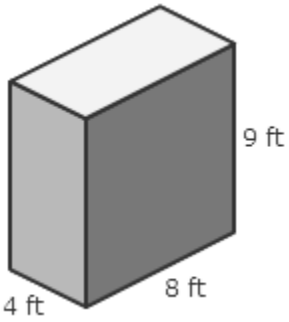
Volume = _____

#10



Volume = _____

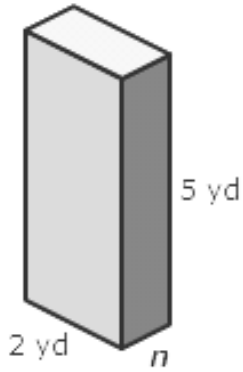
#11



Look at the pop tarts box above.
What is its volume?

_____

#12



The volume of this rectangular prism is 10 yd^3.
What is the missing measurement for n?

_____

Name _____ Set C Two pages

Calculating Volume of Rectangular Prisms

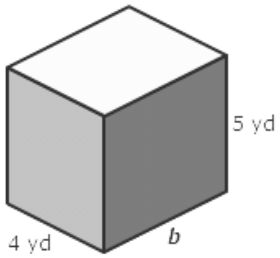
Be sure to include the correct units.

Remember:
The volume of a rectangular prism is
LENGTH x WIDTH x HEIGHT

#1 The volume of this rectangular prism is 60 yd^3.

What is the missing measurement for the value of *b* ?

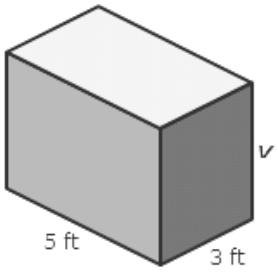
_____



#2 The volume of this rectangular prism is 60 ft^3.

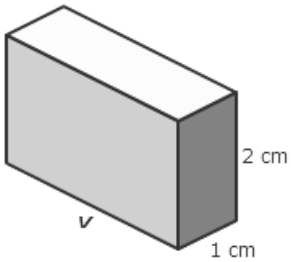
What is its height?

_____



#3 The volume of this rectangular prism is 10 cm^3.

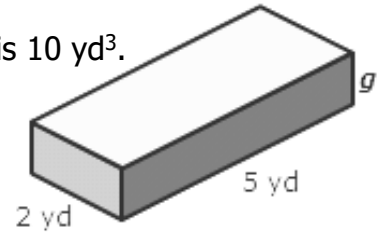
What is the missing measurement for the value of *v* ?



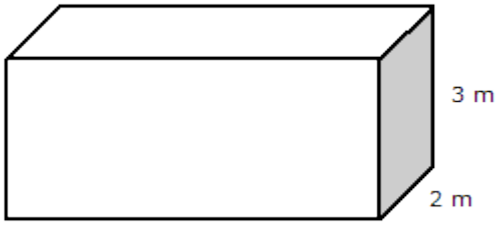
#4 The volume of this rectangular prism is 10 yd^3.

What is its height?

_____

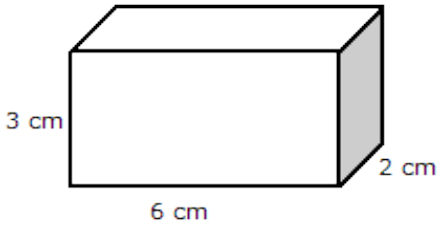


#5



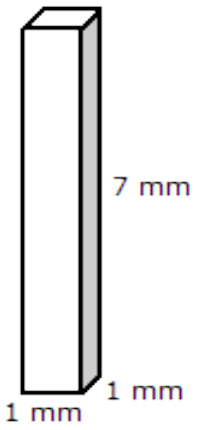
Volume = _____

#6



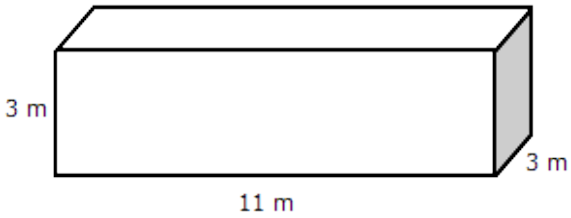
Volume = _____

#7



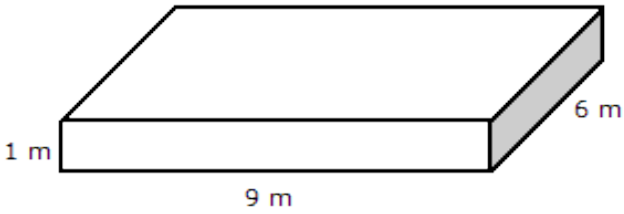
Volume = _____

#8



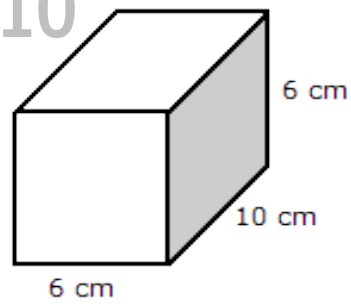
Volume = _____

#9



Volume = _____

#10



Volume = _____