

Name: \_\_\_\_\_

Fill in the missing numbers.

$$23 - (-8) = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - (-5) = 20$$

$$\underline{\hspace{2cm}} + (-4) = 21$$

$$-16 - (-2) = \underline{\hspace{2cm}}$$

$$-21 - (\underline{\hspace{2cm}}) = -15$$

$$\underline{\hspace{2cm}} + (-7) = -26$$

Change to percents.

$$\frac{78}{100} =$$

$$\frac{50}{100} =$$

$$\frac{49}{100} =$$

$$\frac{3}{10} =$$

$$\frac{86}{100} =$$

$$\frac{91}{100} =$$

Write the decimal in words.  
15.0013

Reduce  $\frac{112}{133}$  to its lowest terms.

Change  $\frac{10}{100}$  to a percent.

Write the decimal number for:  
fifty-two thousandths

$$\begin{array}{r} 382 \\ + 88 \\ \hline \end{array}$$

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Solve for the unknown value. Hint: It is a positive whole number.

$$11g = 44 \quad g = \underline{\hspace{2cm}}$$

$$r + 46 = 102 \quad r = \underline{\hspace{2cm}}$$

$$29 + r = 84 \quad r = \underline{\hspace{2cm}}$$

$$y + 43 = 90 \quad y = \underline{\hspace{2cm}}$$

$$31 + r = 68 \quad r = \underline{\hspace{2cm}}$$

$$40y = 520$$

$$\frac{N}{33} = 49$$

$$\underline{\hspace{1cm}} \div 3 = 6$$

What is the missing number?

$$N \div 12 = 2$$

What is the value of N?

$$7 \div \frac{1}{8}$$

Pick the family fact that is missing.

$$108 \div 18 = 6$$

$$6 \times 18 = 108$$

$$18 \times 6 = 108$$

Write  $\frac{2}{6}$  in lowest terms.

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44	-11		$+\frac{4}{6}$		$-\frac{3}{8}$		-21		-44
				+58					$-\frac{6}{9}$
	$+5\frac{2}{6}$		+1		$-6\frac{4}{9}$				
$-\frac{4}{6}$									
					$+\frac{6}{8}$				
+25					$145\frac{11}{36}$				
					$-\frac{2}{8}$				
+12		+3		$+8\frac{2}{9}$					

	$-9\frac{3}{8}$		$+\frac{4}{9}$
$+\frac{3}{6}$			
	-19	$122\frac{5}{36}$	

How many minutes is it  
from 7:00 a.m. to 10:20 a.m.?

F, H, J, L, N, P, R, T, V,

\_\_\_\_\_, Z

Round 10,309 to the  
nearest thousand.

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The letters D and W each have a line of symmetry. Name another letter between D and W that has a line of symmetry.  _____	$3 \times 11 = \underline{\hspace{2cm}}$	Amanda rolls a die. What is the chance of her rolling a 6?  _____
	_____	

$12 \text{ km} = \underline{\hspace{2cm}} \text{ m}$	Write an equation to represent this:  The product of four and seven is twenty-eight.  _____	$\begin{array}{r} 51 \\ - 18 \\ \hline \end{array}$
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$\begin{array}{r} 43 \\ + 34 \\ \hline \end{array}$	$48 \div 12 = \underline{\hspace{2cm}}$	$120 \div 12 = \underline{\hspace{2cm}}$	31% of 100 is 31. 31% of 200 is 62. 31% of 500 is 155.  What is 31% of 600?
	$4 \times 6 = \underline{\hspace{2cm}}$	$\begin{array}{r} 614 \\ - 318 \\ \hline \end{array}$	

$27 \div 9 = \underline{\hspace{2cm}}$	Erin likes to change numbers into a secret letter form. Erin changed the number 211 to RRR. Erin changed the number 447,158 to RRRRRR. Erin changed the number 65,677 to RRRRR. Erin changed the number 9,597 to RRRR. How do you think she would change the number 81?  _____	$1 \text{ cm} = 10 \text{ mm}$  $13 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$
$\begin{array}{r} 391 \\ + 404 \\ \hline \end{array}$		

Name: \_\_\_\_\_

$9,633 + 9,226 =$ _____	How many feet are in 24 inches? _____ feet
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Write 303,812 in words. _____	$9 \div 3 =$ _____
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$3 \times 4 =$ _____	The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.	$9 \times 9 =$ _____
$10 \times 11 =$ _____		

Can 612 be evenly divided by 6? Circle: 612 is evenly divisible by 6 612 is NOT evenly divisible by 6	Three girls ran a race. Hannah was not as fast as Holly. Holly ran past Megan in the race and Megan never caught up. Who won the race? Do you have enough information to know?
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Name: \_\_\_\_\_

Some vowels are missing in the word search.  
Fill in the missing vowels and circle the words.

P	P	S	W	A	R	O	R		C
				F		M	E		H
R	P	R			V	R	F	D	
			N				L		R
M	R	M		T	S	X		T	
	B	I	R	H		P	N		S
T		T	V				C	R	P
	C	S		R	N	L	H	Y	U
R	K	R	C		S	H			N
C			P	L		K		N	R

WOE • EXPEL • SERUM • PAPERBACK  
FLINCH • KIN • AUDITORY  
CHORUS • REVISION • PERIMETER  
FEATHER • ITS • NERVE • COUPLE  
CUSHION

Can 251 be evenly divided by 5? Circle:

251 is evenly divisible by 5

251 is NOT evenly divisible by 5

$56 \div 8 =$  \_\_\_\_\_

$12 \times 8 =$  \_\_\_\_\_

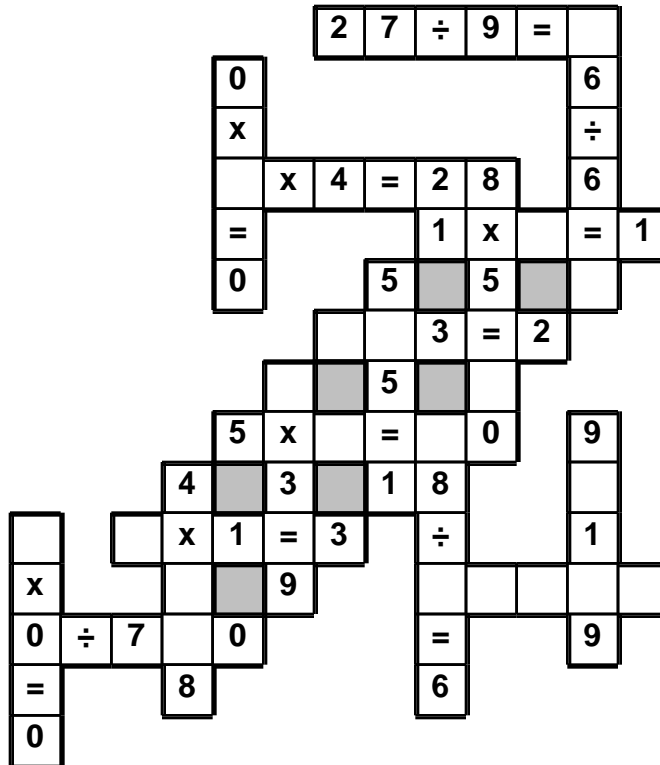
$12 \times 5 =$  \_\_\_\_\_

Pick a month. Can you make up a calendar  
for your month with four Fridays? Show your  
calendar below:

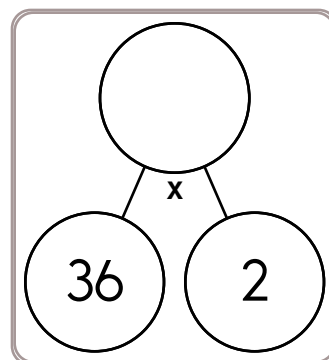
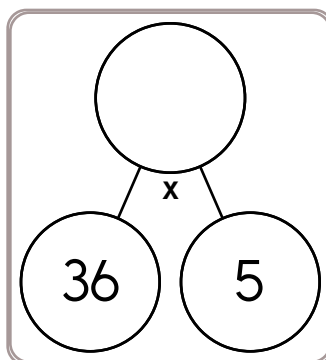
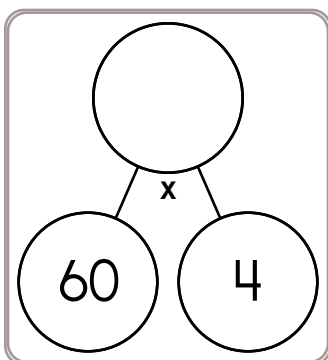
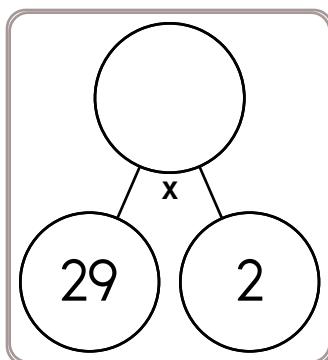
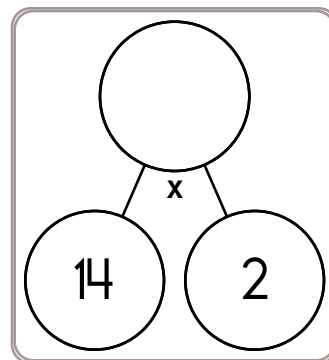
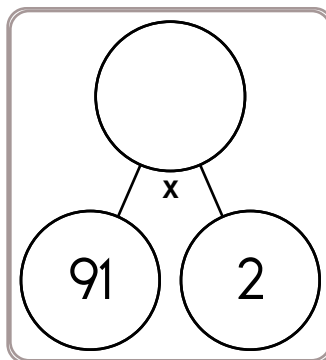
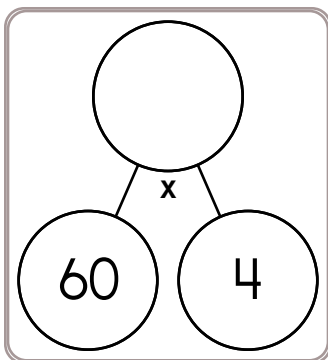
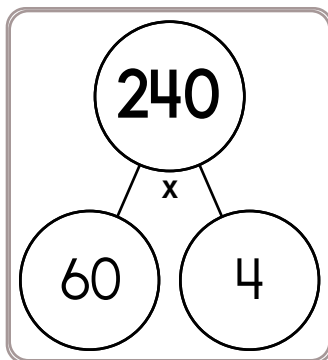
$3 \times 9 =$  \_\_\_\_\_

$4 \times 4 =$  \_\_\_\_\_

Use the pieces above to help you fill in the runaway math puzzle.


$$6,185 + 9,898 = \underline{\hspace{2cm}}$$

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$11 \times 7 =$

$2 \times 10 =$

$5 \times 5 =$

$4 \times 12 =$

$10 \times 9 =$

$8 \times 2 =$

$11 \times 12 =$

$5 \times 11 =$

$5 \times 6 =$

$3 \times 10 =$

$6 \times 2 =$

$2 \times 6 =$



$2 \times \underline{\quad} = 16$

$\underline{\quad} \times 9 = 63$

$2 \times \underline{\quad} = 6$

$\underline{\quad} \times 4 = 20$

$2 \times \underline{\quad} = 14$

$\underline{\quad} \times 5 = 20$

$\underline{\quad} \times 9 = 54$

$6 \times \underline{\quad} = 12$

$4 \times \underline{\quad} = 12$

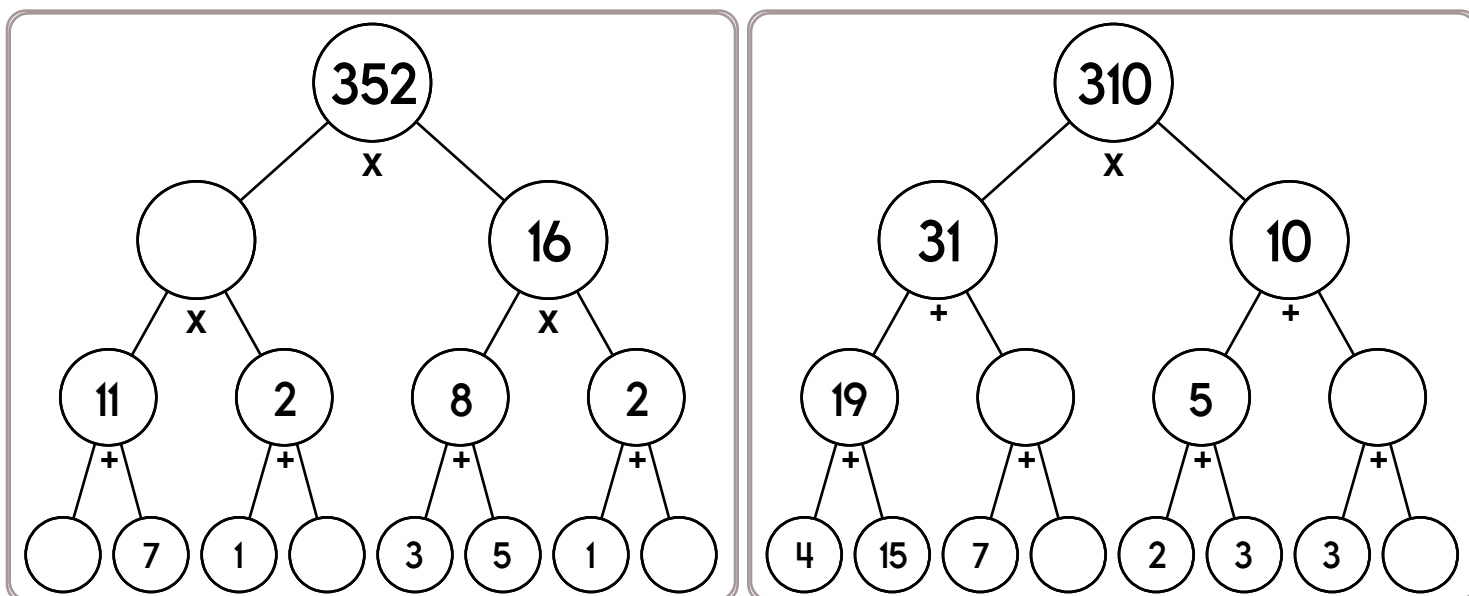
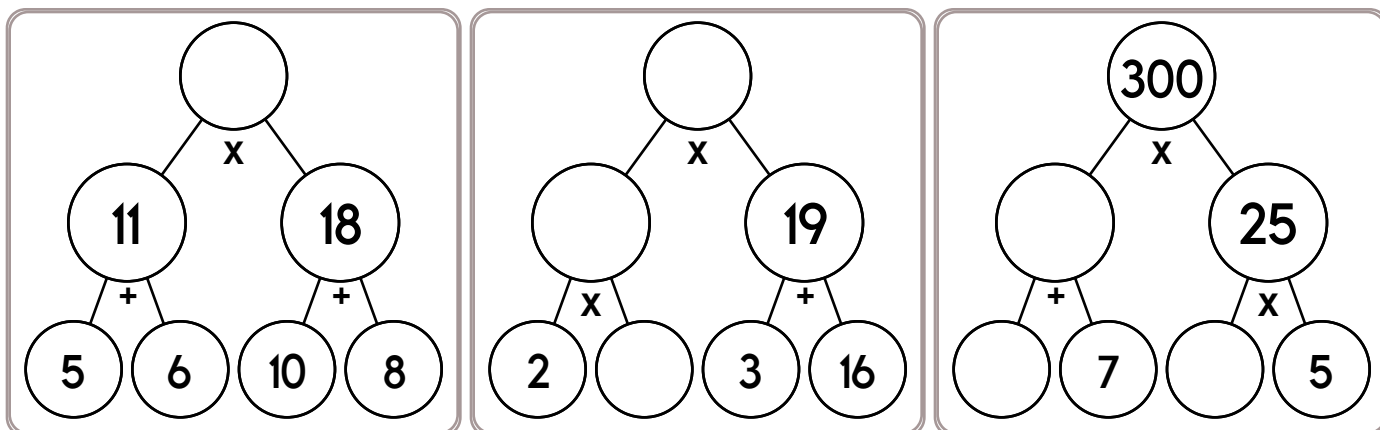
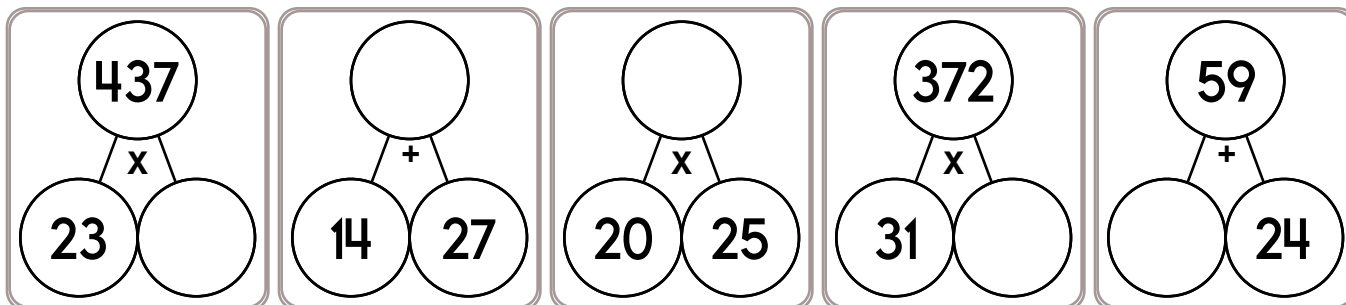
$5 \times \underline{\quad} = 10$

$\underline{\quad} \times 3 = 15$

$\underline{\quad} \times 6 = 42$



Name: \_\_\_\_\_



$$\begin{array}{r} 27,783 \\ - \quad 43 \\ \hline \end{array}$$

136 is what percent of 272?

Rewrite as a vertical equation and solve.  
 $884.462 + 884.462 + 1.785$

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Reduce  $\frac{112}{133}$  to its lowest terms.

$$\begin{array}{r} 4\frac{1}{2} \\ - 3\frac{4}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 10\frac{8}{9} \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{1}{11} \\ - 4\frac{6}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 6\frac{4}{7} \\ - 1\frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 5\frac{3}{6} \\ \hline \end{array}$$

Write the reciprocal.

$$\frac{8}{6}$$

Write the reciprocal.

$$19$$

$$\frac{4}{5} \times 4\frac{1}{6} =$$

Write the reciprocal.

$$\frac{7}{8}$$

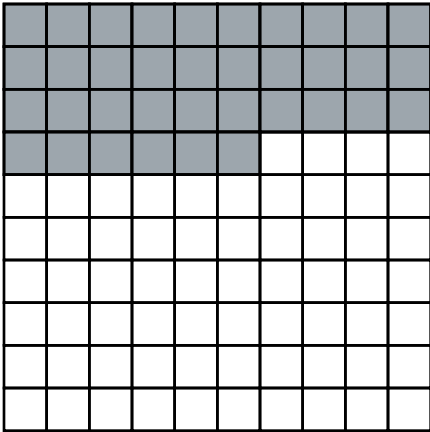
Write the reciprocal.

$$\frac{7}{16}$$

Write the reciprocal.

$$\frac{9}{5}$$

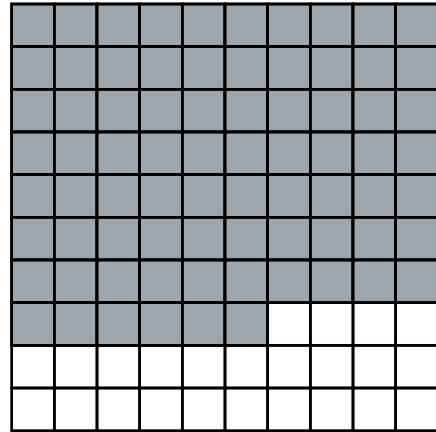
Name: \_\_\_\_\_



\_\_\_\_\_ out of 100 small squares are shaded.

\_\_\_\_\_ % of the large square is shaded.

\_\_\_\_\_ % of the large square is NOT shaded.



\_\_\_\_\_ out of 100 small squares are shaded.

\_\_\_\_\_ % of the large square is shaded.

\_\_\_\_\_ % of the large square is NOT shaded.

$$\frac{49}{100} = \text{_____} \%$$

$$\frac{35}{100} = \text{_____} \%$$

$$\frac{6}{100} = \text{_____} \%$$

$$43 \text{ out of } 100 = \text{_____} \%$$

$$38 \text{ out of } 100 = \text{_____} \%$$

$$0.93 = \text{_____} \% \quad 0.77 = \text{_____} \%$$

$$0.46 = \text{_____} \% \quad 0.5 = \text{_____} \%$$

$$0.05 = \text{_____} \% \quad 0.8 = \text{_____} \%$$

$$0.1 = \text{_____} \% \quad 0.02 = \text{_____} \%$$

$$0.65 = \text{_____} \% \quad 0.3 = \text{_____} \%$$

Name: \_\_\_\_\_

$$\begin{array}{r} \$0.33 \\ - \$0.07 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.87 \\ - \$0.10 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.87 \\ + \$0.94 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.05 \\ + \$0.19 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.49 \\ + \$0.26 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.56 \\ - \$0.42 \\ \hline \end{array}$$

$$\begin{array}{r} \$9.60 \\ - \$4.47 \\ \hline \end{array}$$

$$\begin{array}{r} \$23.00 \\ + \$29.81 \\ \hline \end{array}$$

$$\begin{array}{r} \$13.98 \\ + \$3.45 \\ \hline \end{array}$$

$$\begin{array}{r} \$10.91 \\ - \$7.34 \\ \hline \end{array}$$

$$\begin{array}{r} \$6.43 \\ + \$6.10 \\ \hline \end{array}$$

$$\begin{array}{r} \$35.55 \\ - \$28.47 \\ \hline \end{array}$$

$$\begin{array}{r} \$7.28 \\ + \$7.27 \\ \hline \end{array}$$

$$\begin{array}{r} \$15.74 \\ + \$4.22 \\ \hline \end{array}$$

$$\begin{array}{r} \$28.90 \\ - \$26.94 \\ \hline \end{array}$$

$$\begin{array}{r} \$11.07 \\ + \$12.94 \\ \hline \end{array}$$

$$\begin{array}{r} \$14.28 \\ - \$14.23 \\ \hline \end{array}$$

$$\$4.78 - \$4.40 = \underline{\hspace{2cm}}$$

$$\$14.19 + \$14.93 = \underline{\hspace{2cm}}$$

$$\$10.09 + \$10.08 = \underline{\hspace{2cm}}$$

$$\$32.60 - \$30.35 = \underline{\hspace{2cm}}$$

$$\$8.41 + \$12.22 = \underline{\hspace{2cm}}$$

$$\$7.90 - \$7.02 = \underline{\hspace{2cm}}$$

$$\$21.42 + \$14.70 = \underline{\hspace{2cm}}$$

$$\$13.10 + \$13.26 = \underline{\hspace{2cm}}$$

$$\$9.94 - \$4.40 = \underline{\hspace{2cm}}$$

$$\$28.57 - \$27.82 = \underline{\hspace{2cm}}$$

$$8 \overline{) 5632}$$

Divide and write remainder.

$$2 \overline{) 191}$$

Divide and write remainder.

$$6 \overline{) 384}$$

Name: \_\_\_\_\_

Find 5% of 42.

Change 8% to a decimal.

Find 9% of 220.

Change  $\frac{63}{75}$  to a decimal.

Change  $\frac{3}{5}$  to a decimal.

Find 69% of 274.

204 is what percent of 255?

Change  $\frac{3}{20}$  to a decimal.

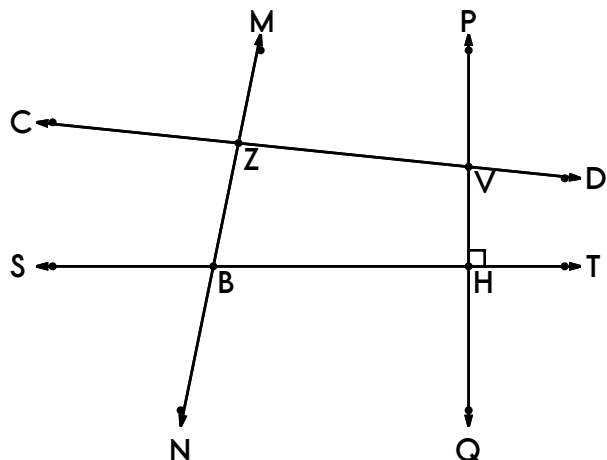
Find 9% of 180.

Find 44% of 313.

177 is what percent of 236?

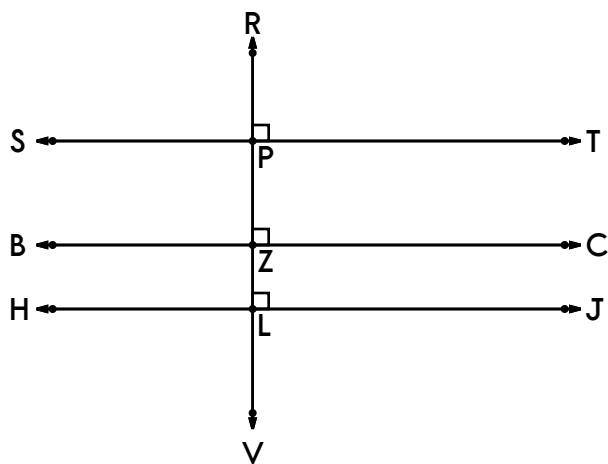
Change 12% to a decimal and a fraction expressed in its lowest terms.

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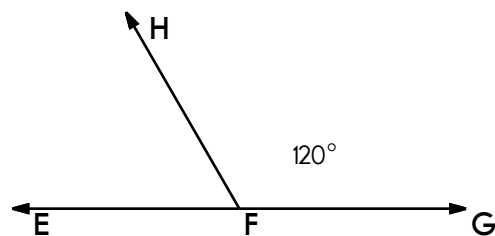


Name 3 line segments on  $\overleftrightarrow{VW}$ .

Sketch 2 lines  $\overleftrightarrow{CD}$  and  $\overleftrightarrow{TU}$  that are intersecting.



Show where all the right angles are.  
How many right angles did you find?



What is the measure of  $\angle EFH$ ?

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Find 2 equations hidden in each box. Good luck!

$9 \times 5$       54      4      32  
 27      9 x 3      16  
 $5 \times 1$       8 x 2  
 10      1 x 1      20      17      0  
                                  2

Write 2 equations: \_\_\_\_\_

36      24      10      30  
 $4 \times 9$       8 x 8      2 + 1  
 $7 \times 7$       9 x 5      81      5 x 5  
 5      18      20      3

Write 2 equations: \_\_\_\_\_

27      42      40      5 x 3      64  
 $9 \times 9$       5      54      7 x 6  
 14      8 x 4      7 x 2  
 16      2 x 2

Write 2 equations: \_\_\_\_\_

Name: \_\_\_\_\_

Find 2 equations hidden in each box. Good luck!

56

8

9 - 2

0

27

2 + 3

54

6

8 x 4

9 x 6

9 - 1

2 x 2

3

11

Write 2 equations: \_\_\_\_\_

1

72

15

7

4 x 3

2 x 7

48

2 + 1

7 + 1

6 x 1

5 x 3

20

8 - 1

9 + 9

17

Write 2 equations: \_\_\_\_\_

2

8 x 9

7 x 1

7 x 8

1

7 + 2

20

2 x 2

6 x 5

4 x 7

1

30

5

27

Write 2 equations: \_\_\_\_\_



Name: \_\_\_\_\_

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

14+	3+		8+	
	4	10+	5	
	16+	2	6+	
5+		4	2	
			9+	

Fill in the blanks. These equations are from the puzzle above.

$$5 + \underline{\quad} + \underline{\quad} = 10$$

$$3 + \underline{\quad} = 5$$

$$2 + \underline{\quad} = 3$$

$$\underline{\quad} + \underline{\quad} + 1 = 6$$

$$\underline{\quad} + 4 + \underline{\quad} + \underline{\quad} = 14$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 4 + \underline{\quad} = 16$$

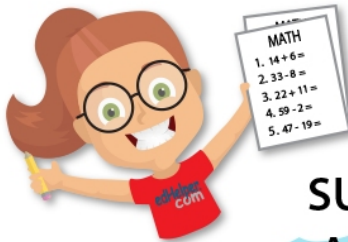
$$5 + \underline{\quad} = 8$$

$$\underline{\quad} + 5 = 9$$

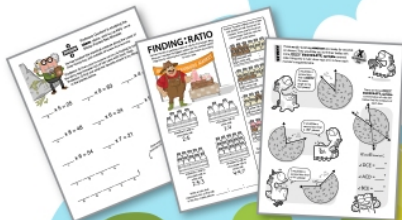
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+ =  
- ÷  
< >

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