



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Not Exact

Estimate - With a Good Guess

$32 \div 7 \approx \underline{5}$

$84 \div 9 \approx \underline{9}$

$26 \div 3 \approx \underline{\quad}$

$72 \div 11 \approx \underline{\quad}$

$17 \div 5 \approx \underline{\quad}$

$16 \div 3 \approx \underline{\quad}$

$50 \div 7 \approx \underline{\quad}$

$51 \div 12 \approx \underline{\quad}$

$46 \div 6 \approx \underline{\quad}$

$46 \div 5 \approx \underline{\quad}$

$42 \div 8 \approx \underline{\quad}$

$75 \div 9 \approx \underline{\quad}$

$67 \div 10 \approx \underline{\quad}$

$15 \div 4 \approx \underline{\quad}$

$68 \div 8 \approx \underline{\quad}$

$88 \div 12 \approx \underline{\quad}$

$23 \div 6 \approx \underline{\quad}$

$46 \div 10 \approx \underline{\quad}$

$107 \div 11 \approx \underline{\quad}$

$46 \div 8 \approx \underline{\quad}$

$46 \div 7 \approx \underline{\quad}$

$106 \div 11 \approx \underline{\quad}$

$30 \div 9 \approx \underline{\quad}$

$23 \div 3 \approx \underline{\quad}$

$47 \div 11 \approx \underline{\quad}$

$52 \div 6 \approx \underline{\quad}$

$50 \div 9 \approx \underline{\quad}$

$69 \div 10 \approx \underline{\quad}$

$57 \div 6 \approx \underline{\quad}$

$63 \div 10 \approx \underline{\quad}$

$19 \div 5 \approx \underline{\quad}$

$34 \div 4 \approx \underline{\quad}$

$14 \div 3 \approx \underline{\quad}$

$21 \div 4 \approx \underline{\quad}$

$62 \div 8 \approx \underline{\quad}$

$30 \div 7 \approx \underline{\quad}$

$88 \div 12 \approx \underline{\quad}$

$32 \div 5 \approx \underline{\quad}$

$98 \div 11 \approx \underline{\quad}$

$82 \div 9 \approx \underline{\quad}$

$17 \div 3 \approx \underline{\quad}$

$37 \div 11 \approx \underline{\quad}$

Name: _____

$$\begin{array}{r} 74.428 \\ 41.4 \\ 855.3 \\ + 98.3 \\ \hline \end{array}$$

Find the difference
between 26.9 and 8.7.

What is the sum of 5.2 and
8.1?

$$9y = 36$$

$$\frac{N}{11} = 7$$

$$4y = 24$$

Write as a decimal.
Nine tenths

Write as a decimal.
Eight and six hundredths

Use $>$, $<$, or $=$ to complete.

$$278 \text{ ___ } 282.8$$

$$444 \text{ ___ } 439.68$$

$$334 \text{ ___ } 335.6$$

$$25.6 \text{ ___ } 25.32$$

$$29.43 \text{ ___ } 29.5$$

$$8.84 \text{ ___ } 8.840$$

$$17.26 \text{ ___ } 17.7$$

Sketch a right angle named
 $\angle ABC$.

Sketch an acute angle
named $\angle EFG$.

Sketch an obtuse angle
named $\angle DEF$.

Name: _____

Change to a decimal.
90%

Find 7% of 65.

6 is what % of 15?

$$\frac{1}{12} \times \frac{4}{7} =$$

$$\frac{4}{7} \div 7 =$$

Write the reciprocal.

$$\frac{6}{1}$$

Find the least common denominator.

$$\frac{6}{21} \text{ and } \frac{12}{14}$$

Find the least common denominator.

$$\frac{9}{12} \text{ and } \frac{5}{6}$$

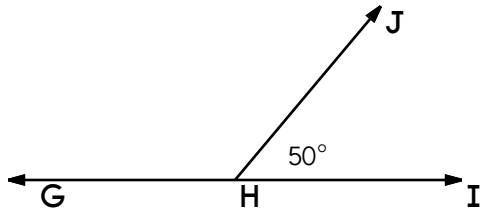
Change $\frac{47}{54}$ to a mixed number.

Change $\frac{4}{10}$ to a decimal.

$$5 \overline{)49.5}$$

Change $\frac{3}{8}$ to a decimal.

Name: _____



What is the measure of $\angle GHJ$?

Sketch 2 lines \overleftrightarrow{JK} and \overleftrightarrow{VW} that are parallel.

$$23 \overline{) 8789}$$

Divide and write remainder.

$$8 \overline{) 649}$$

Divide and write remainder.

$$19 \overline{) 6270}$$

Divide and write remainder.

$$-9 + 2 =$$

$$5 + -2 =$$

$$8 \div -2 =$$

Find the sum of 9 and 8.

$$\begin{array}{r} 9,067 \\ - 693 \\ \hline \end{array}$$

Subtract 77 from 612.

Name: _____

$$\begin{array}{r} 0.9 \\ -0.22 \\ \hline \end{array}$$

$$\begin{array}{r} 5.48 \\ +55.9 \\ \hline \end{array}$$

Find the difference between 29.8 and 5.6.

What is the number that is 8 less than 2?

On a number line, what is the number that is 4 spaces right of -3?

$$-5 + 11 = \underline{\quad}$$

$$\begin{array}{r} 73 \\ 21 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 1,945 \\ 215 \\ + 531 \\ \hline \end{array}$$

Find the difference between 416 and 176.

$$8 - \frac{1}{9}$$

Reduce each fraction to a mixed numeral in its lowest terms.

$$\frac{504}{56} =$$

$$\frac{248}{32} =$$

$$\frac{246}{36} =$$

$$\frac{28}{35} =$$

$$\frac{168}{40} =$$

$$\frac{8}{14} =$$

$$\begin{array}{r} \frac{3}{12} \\ + \frac{4}{9} \\ \hline \end{array}$$

Name: _____

On Wear Your Pajamas to Work Day, all 212 of the office workers in the Sinclair Building wore their pajamas. If $\frac{1}{3}$ of them wore red and white pajamas, and the rest of the office workers wore other colors. How many of the office workers wore other colors?

Mary is getting messy. She has made a 4' x 2' x 4' cube made out of clay blocks. She wants her art project to have at least a surface area of 12 square feet. Does she need to add more clay?

$$\begin{array}{r} 83 \\ - 15 \\ \hline \end{array}$$

Write a letter that has a line of symmetry.

$$\begin{array}{r} 691 \\ - 529 \\ \hline \end{array}$$

For 290,316,405,169,880, write the digit that is in the hundred thousands place.

Circle the smallest number:

3,024,687
5,190,571,826
93,468,014
79,234

How many ounces are in 3 pounds?

_____ ounces

$$\begin{array}{r} 49 \\ + 30 \\ \hline \end{array}$$

1 km = 1,000 m

11 km = _____ m

Name: _____

Which has the largest answer?

$329 \div 21$ $311 \div 21$ $325 \div 21$

$(5 + 9) + 6 =$

$9 \times 11 =$

19 kg = _____ g

$$\begin{array}{r} 279 \\ + 207 \\ \hline \end{array}$$

Megan wants Mary to guess a two digit number. She tells Mary that her number has two different digits. The digits are 5 and 4. Mary thinks. She then guesses the number 45. What are the chances that Mary has guessed correctly?

Can 573 be evenly divided by 7? Circle:

573 is evenly divisible by 7

573 is NOT evenly divisible by 7

How many digits are in the number of days in the current month?

Can 700 be evenly divided by 6? Circle:

700 is evenly divisible by 6

700 is NOT evenly divisible by 6

Can 432 be evenly divided by 12? Circle:

432 is evenly divisible by 12

432 is NOT evenly divisible by 12

Name: _____

Circle the greatest number: 50,949,035,781 836,024,971,531 617,234 689,054,728	Write a letter that has two or more lines of symmetry. _____
--	---

Robert invented a robotic bug. The bug can crawl five centimeters in eighteen seconds. How long would it take the bug to crawl thirty-nine centimeters?	$66 \div 6 =$	$5 \times 8 =$

List four of the smallest whole numbers that are greater than 24, are multiples of 3, and are not multiples of 9.	Write an equation to represent this: The sum of twelve and ten is twenty-two. _____
---	---

Draw a shape that has between three and five lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.	Circle the digit in the hundredths place. 4,764.2635
	Insert a comma in the appropriate place in this sentence. Dachshunds are a fun breed of dog but they tend to play favorites within families.

Name: _____

The newspaper listed the daily high and low temperatures for four cities (Miami, Chicago, Honolulu, and Helsinki). The high temperatures were negative nine degrees Celsius, twenty-nine degrees Celsius, negative two degrees Celsius, and thirty-one degrees Celsius. The low temperatures were negative seventeen degrees Celsius, twenty-eight degrees Celsius, negative sixteen degrees Celsius, and eighteen degrees Celsius.

Figure out the high and low temperatures for each city.

1. Helsinki's low temperature was not eighteen degrees Celsius.
2. Chicago had the lowest low temperature of the day.
3. Honolulu's low temperature was not twenty-eight degrees Celsius.
4. Miami's high temperature was not negative two degrees Celsius.
5. Helsinki's low temperature of the day was colder than twenty-eight degrees Celsius.
6. Helsinki's high temperature of the day was colder than thirty-one degrees Celsius.
7. The difference between Chicago's high and low temperatures was fifteen degrees Celsius.
8. Honolulu's high temperature of the day was forty-six degrees Celsius warmer than Chicago's low temperature of the day.
9. The difference between Honolulu's low temperature and Helsinki's high temperature was twenty-seven degrees Celsius.

Miami had a high temperature of _____ and a low temperature of _____.

Chicago had a high temperature of _____ and a low temperature of _____.

Honolulu had a high temperature of _____ and a low temperature of _____.

Helsinki had a high temperature of _____ and a low temperature of _____.

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

7 1 0 4 4 9 7 3

Use the digits to make a 2-digit minus 2-digit subtraction equation. The difference between your numbers should be 23.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

4 7 5 9 4 6

The sum of these two numbers is 51. Write the equation.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

5 7 7 6 8 7 6

The sum of these two 2-digit numbers is 141. Write the full equation.

Name: _____

Match each pattern to its rule.

+ 8.02 ●

- 8.01 ●

28.1, 19.2, 10.3, 1.4 ●

+ 8.5 ●

- 8.1 ●

+ 8.8 ●

30.9, 22.1, 13.3, 4.5 ●

● - 8.8

● - 8.9

● 27.53, 19.52, 11.51, 3.5

● 9.4, 17.9, 26.4, 34.9

● 26, 17.9, 9.8, 1.7

● 3.9, 11.92, 19.94, 27.96

● 4.1, 12.9, 21.7, 30.5

Yummy Donuts gave three dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

How much money is 1 quarter, 1 dime, 1 nickel, and 8 pennies?

Round 18,407 to the nearest thousand.

$\frac{1}{25}$, $\frac{1}{5}$, (1), (5),
(25), (125), _____,
(3,125), (15,625),
(78,125)

It was 7 degrees above zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

Write $\frac{3}{6}$ in lowest terms.

$11 - 10 + 6 \times 11$

$7 \div \frac{1}{9}$

A, C, E, G, I, K, M,
_____, Q, S, U

Name: _____

Mental Math

— #1 —



▶ Start with the number 408.

408

▶ Add one-third of a dozen.

6 0 5 0 1 8 4 1 2 0 (Circle your answer to double check you are correct.) _____

▶ Add the number of cups in 1 quart.

3 4 1 6 1 7 5 0 2 2 _____

▶ Subtract 26.

4 6 5 3 9 0 7 2 9 8 _____

▶ Add the number of inches in 3 feet.

4 2 6 8 3 8 8 1 4 2 _____

▶ Add half of 58.

9 2 4 9 6 4 5 5 7 5 _____

Mental Math

— #2 —



☼ Start with the number 8.

5 9 7 0 8 0 9 5 1 5 (Circle your answer to double check you are correct.) _____

☼ Add half of 32.

1 2 2 4 5 0 8 9 3 1 _____

☼ Triple that number.

7 3 9 7 3 4 6 7 2 1 _____

☼ Add the number of nickels in a dollar.

1 7 6 3 7 8 9 9 2 1 _____

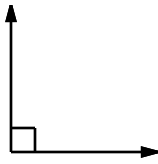
☼ Round that number to the nearest ten.

8 6 5 9 0 5 7 0 9 1 _____

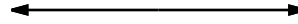
☼ Subtract the number of inches in 2 feet.

4 6 9 6 6 6 6 2 3 9 _____

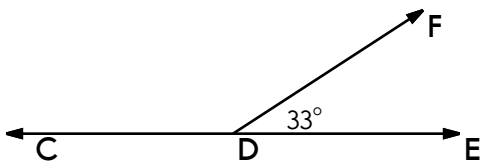
Name: _____



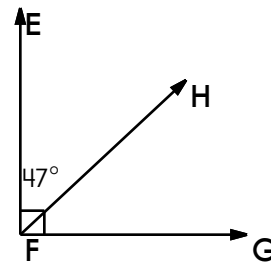
What kind of angle is this?



What kind of angle is this?



What is the measure of $\angle CDF$?



What is the measure of $\angle HFG$?

Sketch an angle and label it $\angle DEF$.

Write the supplement of each angle.

40°

Use a protractor to draw an obtuse angle $\angle ABC$.

6°

111°

137°

Sketch a right angle named $\angle BCD$.

What kind of angle has a measure of between 0° and 90° ?

Sketch an obtuse angle named $\angle FGH$.

Name: _____

$$\begin{array}{r} 72,436 \\ - \quad 125 \\ \hline \end{array}$$

$$3 + 7 + 7 + 7 =$$

Find the difference between 6894 and 3766.

Find the difference between 669 and 43.

$$\begin{array}{r} 15 \\ + 48 \\ \hline \end{array}$$

Find the sum of 19, 20, and 35.

Multiply 83 and 8.

$$4 \overline{) 308}$$

$$5 \overline{) 204}$$

Divide and write remainder.

$$44 \overline{) 6116}$$

$$2 \overline{) 8346}$$

$$80 \overline{) 7605}$$

Divide and write remainder.

Divide and write remainder.

Divide and write remainder.

Name: _____

$$\begin{array}{r} 95 \\ - 74 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 171 \\ - 94 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 107 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 170 \\ - 87 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 123 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 145 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} 149 \\ - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 138 \\ - 77 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 107 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} 113 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 138 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 101 \\ - 89 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 114 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} 113 \\ - 67 \\ \hline \end{array}$$

$$\begin{array}{r} 170 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 113 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 55 \\ \hline \end{array}$$

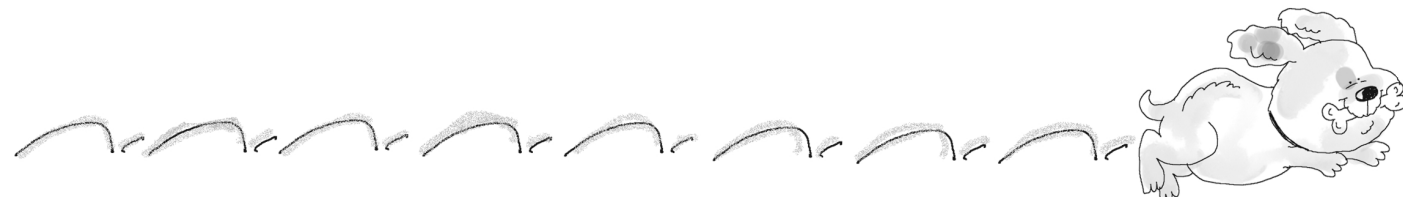
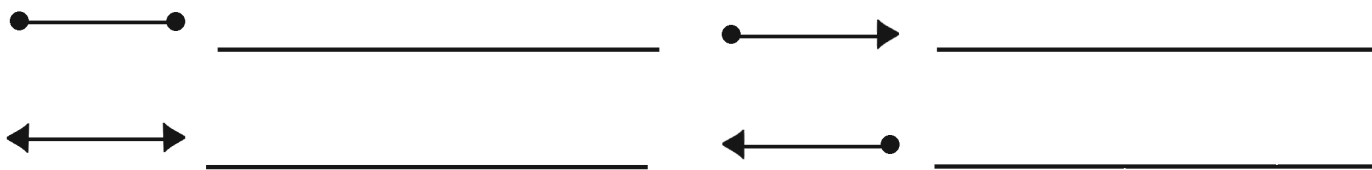
$$\begin{array}{r} 53 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 133 \\ - 86 \\ \hline \end{array}$$

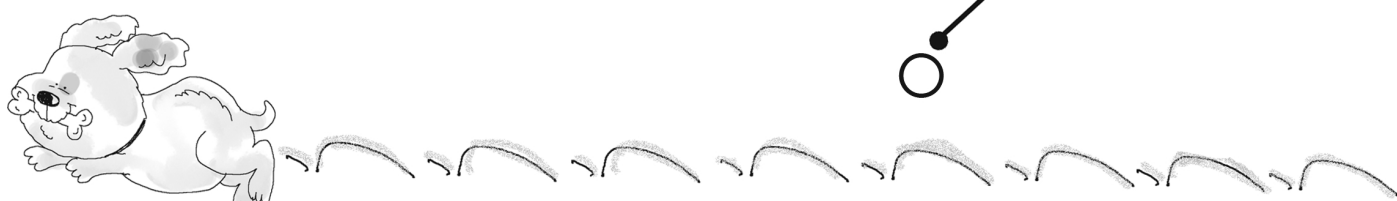
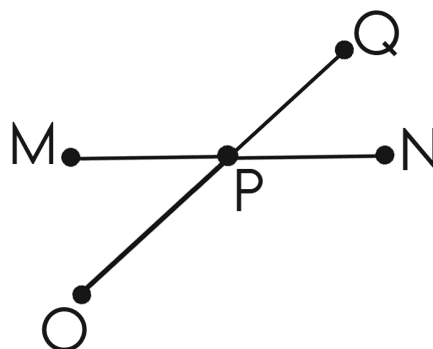
$$\begin{array}{r} 2 \\ + 6 \\ \hline \square \\ + 3 \\ \hline \square \\ + 3 \\ \hline 14 \\ + \square \\ \hline 17 \\ + 5 \\ \hline \square \\ - 3 \\ \hline \square \\ + 3 \\ \hline \square \\ + 7 \\ \hline 29 \\ + \square \\ \hline 38 \\ - \square \\ \hline 31 \\ - \square \\ \hline 26 \end{array}$$

Name: _____

Name these figures as "line," "line segment," or "ray."



Write the number of line segments that are here. _____
Name the line segments.



Use symbols and letters to label each.

Example:

This is line \overleftrightarrow{CD} or \overleftrightarrow{DC} .



Name: _____



$90 \times 4 =$

$68 \times 7 =$

$42 \times 7 =$

$77 \times 8 =$

$45 \times 5 =$

$17 \times 9 =$

$87 \times 5 =$

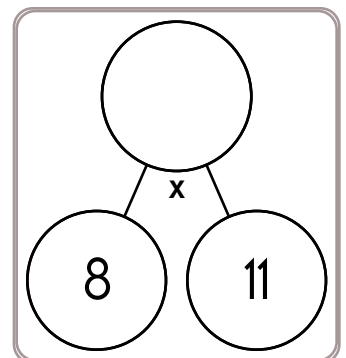
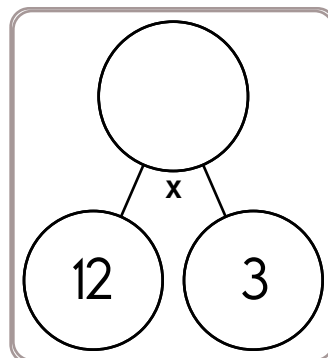
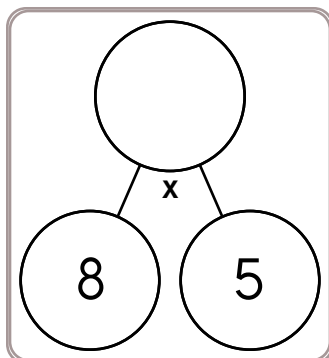
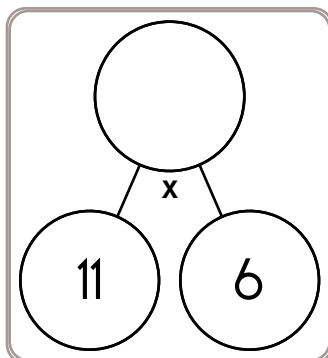
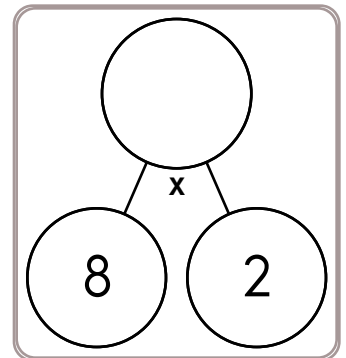
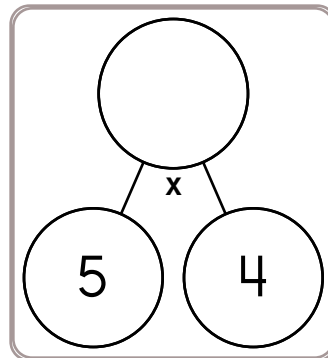
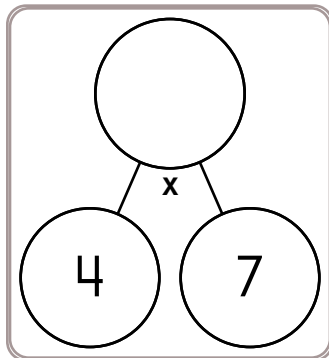
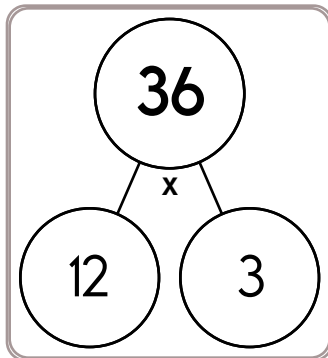
$98 \times 5 =$

$75 \times 3 =$

$17 \times 4 =$

$38 \times 3 =$

$35 \times 4 =$



$9 \times \underline{\quad} = 81$

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

$\underline{\quad} \times 5 = 40$

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

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

$5 \times \underline{\quad} = 25$

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

$8 \times \underline{\quad} = 48$

$\underline{\quad} \times 4 = 8$

$9 \times \underline{\quad} = 45$

$\underline{\quad} \times 4 = 32$

$7 \times \underline{\quad} = 28$

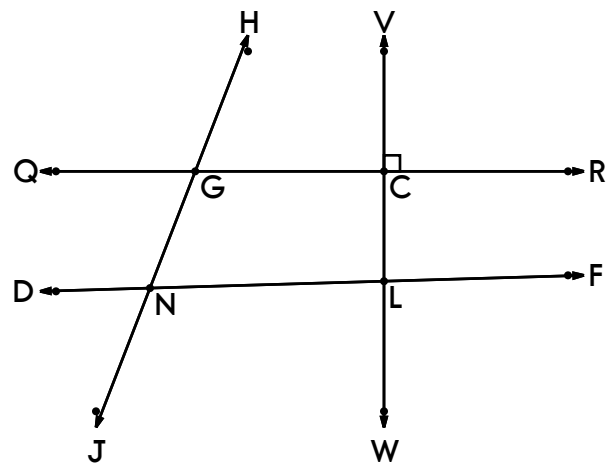
Name: _____

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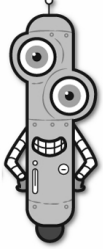
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Sketch 2 lines \overleftrightarrow{CD} and \overleftrightarrow{VW} that are perpendicular.

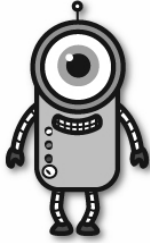


Name 3 line segments on \overleftrightarrow{VW} .

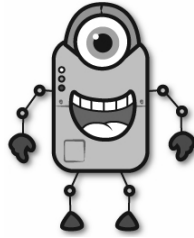
Name: _____



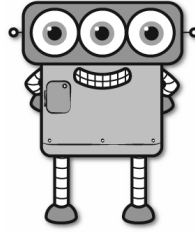
Lucas



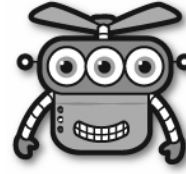
Eric



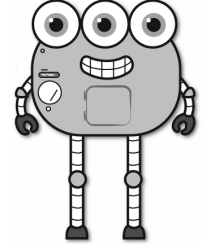
Jenna



Jessica



Peter



Rosa

Facts

Jenna is forty-two years older than Lucas.

Rosa is thirty-two years older than Eric.

Eric is twice as old as Lucas.

Lucas is seven years old.

Jessica is thirty years older than Eric.

Peter is sixty-six years older than Lucas.

How old is Lucas? _____

How old is Eric? _____

How old is Jenna? _____

How old is Jessica? _____

How old is Peter? _____

How old is Rosa? _____

Write this as a number in standard form.
Use a comma in your number.

three hundred eighty-five thousand, nine
hundred nineteen

In each group, circle the word that is
spelled correctly.

galley, gally, galey

consious, conscious, concious

comeing, coming, comming

Name: _____

Sudoku Sums of 13

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 13.

Here is an example of a sudoku sum of 13:

1	12
---	----

6	4		2	5	3			
5		8	9		1			6
	3	9		6			2	5
					7	9		
			3					
7	9		6		2		4	
9	8					1		4
4	1				9	3	7	
					4			

How many centimeters in 8.9 meters?

105, 112, 119, 126, 133,

_____, 147, 154, 161

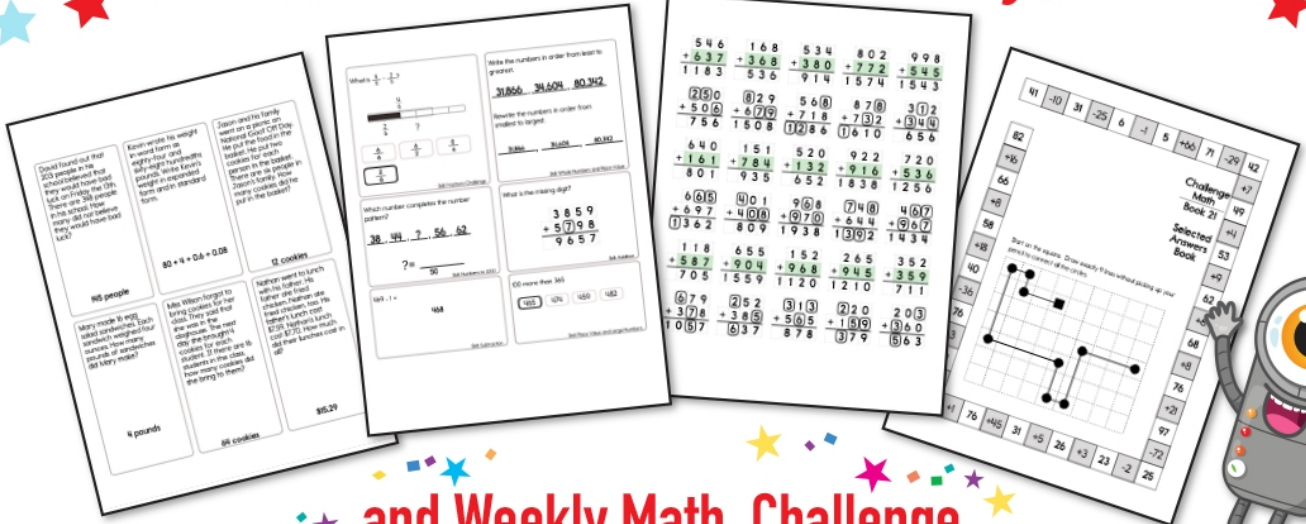
Pick the family fact that is missing.

$$126 \div 14 = 9$$

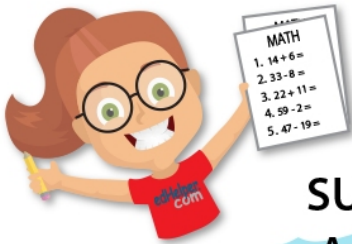
$$9 \times 14 = 126$$

$$126 \div 9 = 14$$

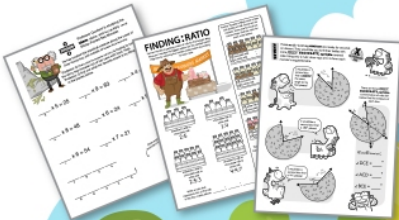
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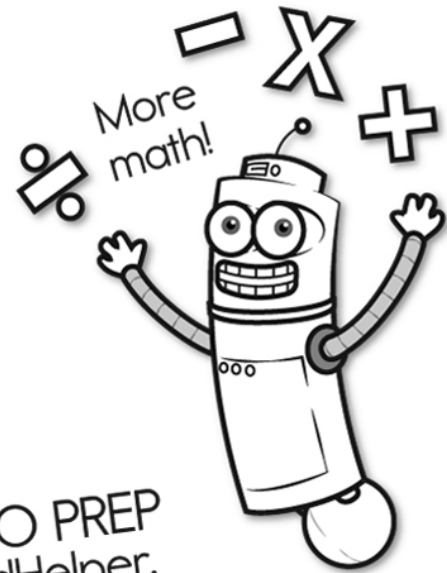
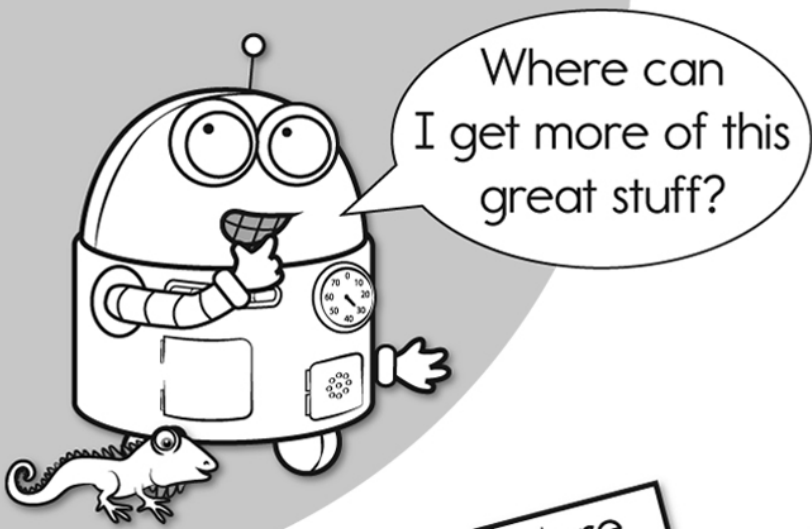
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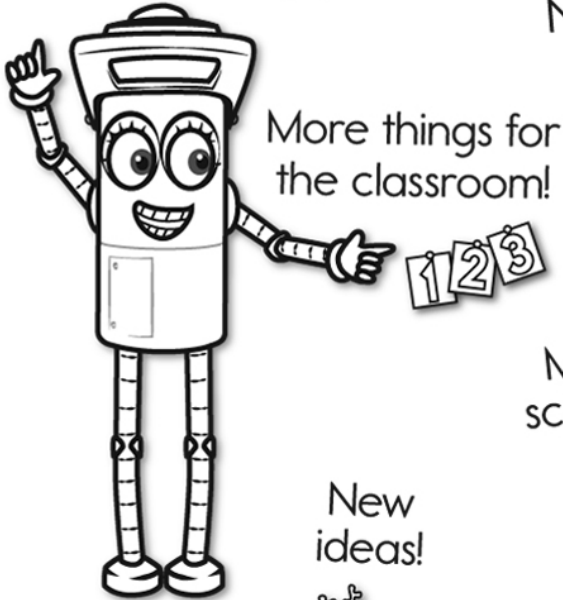
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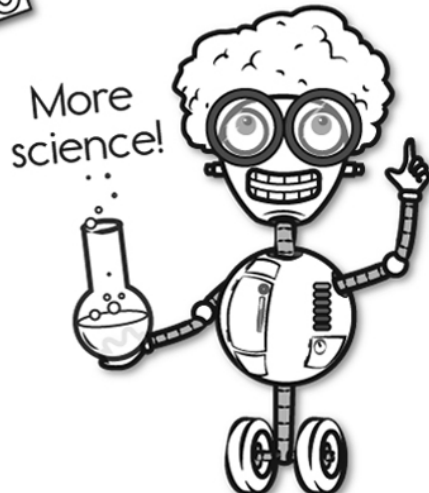


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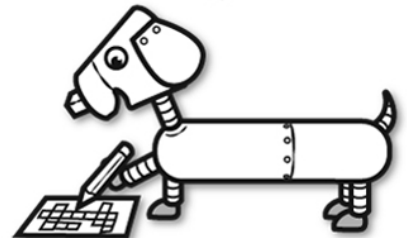


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