

Name: _____

Pam got a summer job working on an app where people post pictures of their pets. This week they had 100,000 pictures posted. Of those pictures, 40% were dogs. How many pictures of dogs did they get this week?

Ready to draw a face? First draw the eyes by drawing two equilateral triangles. Now for the mouth. Draw a trapezoid for the mouth. Draw a hexagon for the nose. Now have fun and finish the face!

Rewrite these numbers in order from least to greatest.

-5

-6.8

-5.2

-6

-5.8

Name: _____

The letter V has an unknown value. If you multiply V by ten, the product is two. What value does V have?

$\$90 - p = \37
What is the value of p?

Each side of a regular pentagon is 96.5 centimeters. What is the perimeter?

$2 \times 2 \times 2 \times 2 \times 2 = x^5$
What is the value of x?

$11b - 25.9 = 40.1$
b =

Circle the greatest amount:
40%
0.31
 $\frac{3}{25}$

Rewrite $\frac{21}{50}$ as a decimal.

Rewrite $\frac{3}{5}$ as a decimal.

In what quadrant would you find the point (5, -10)?

120, 130, 140, _____,
160, 170

9.6, 24.3, _____, 37.8,
66, 107.7, 211.5, 385.2,
704.4, 1301.1, 2390.7,
4396.2, 8088, 14874.9

0.4×0.03

$|-13| + p = 21$

p =

Use >, <, or = to complete.

$86\% \text{ --- } \frac{1}{3}$
 $\frac{3}{4} \text{ --- } 52\%$

$767 \div 10$

Name: _____

		+		+		=	
	C		B		B		31
x	C		A		C		20
-							
	?		B		B		24
=							
	79		11		88		

Equations and Hints:

Each letter is a whole number.
Fill in the equations using the chart:

$C + B + B = 31$ $__ \times C - B = 88$ $__ + __ + __ = 20$
 $__ \times __ - __ = 11$

Additional hints:
 $C < 11$ $B = A + 9$

Show Work:

Solve:

$? = __$

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You and your twin go to the doctor for a check-up. One of you weighs 2 lb. more than the other. Last month you weighed 81 lb. and your twin weighed 2 lb. more. You both gained the same amount of weight between then and now. Which of you weighs more now, you or your twin?

Mr. Bloop is playing a mini bowling game at an arcade. He has three rolls of a small ball. Each time he tries to knock down all the pins (six pins each time). On the first try, he knocks down all six. On the second try, he knocks down 1. On the third try, four pins remain standing after he rolled the small ball. How many did he knock down in all?

Anne is trying to learn decimals. She only knows fractions. She's known fractions since she was 3. Now she is trying to learn decimals. Help her convert $\frac{7}{10}$ to a decimal.

Express $\frac{2}{3}$ as a repeating decimal.

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Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

93	47	29
36	27	88
33	50	44
37	16	45

Find a subtraction fact.

B

31	58	42
70	46	33
19	90	7
30	2	34

Find a subtraction fact.

C

95	47	71
56	67	34
76	48	30
43	16	12

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	45	-	16	=	29
B		-	31	=	
C	95	-		=	

$144 \div 12 =$ _____ $10 \times 4 =$ _____	You cannot decide what pizza store to go to. Holly's pizza cuts their pizza into 3 slices. Each slice costs \$4 each. Mary's pizza cuts their pizza into 5 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy?	$\begin{array}{r} 43 \\ - 26 \\ \hline \end{array}$
Sara rolls a die. What is the chance of her rolling a 3? _____	How many yards are in 9 feet? _____ yards	



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<p>Holly was getting married. She was very happy! The total cost for the wedding was \$3,746. She spent \$546.35 for her dress. A third of the remaining money was spent on flowers. How much money was spent on flowers?</p>	<p>At the St. Patrick's Day party, sandwiches and drinks were served. Each guest could choose a corned beef, ham, or fish sandwich and coffee, tea, or lemonade. If each guest can have one sandwich and one drink, how many different combinations are there to choose from?</p>	<p>Maria used an entire 24-yard roll of masking tape to make a cardboard house for her little sister. How many inches of masking tape did she use?</p>
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$7,333 - 5,932 = \underline{\hspace{2cm}}$	$7 \times 3 = \underline{\hspace{2cm}}$	$\begin{array}{r} 33 \\ + 41 \\ \hline \end{array}$
--	---	---

<p>Can 420 be evenly divided by 7? Circle: 420 is evenly divisible by 7 420 is NOT evenly divisible by 7</p>	$20 \div 4 = \underline{\hspace{2cm}}$	$\begin{array}{r} 963 \\ - 237 \\ \hline \end{array}$
	$10 \times 3 = \underline{\hspace{2cm}}$	

$8 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$
--




Name: _____

$\begin{array}{r} 354 \\ + 367 \\ \hline \end{array}$	Write 8,656,224 in words. _____
$236 + 452 =$ _____	


$80 \div 10 =$ _____ $5 \times 10 =$ _____	Which is the better buy? Four bags of candy for \$28 or nine bags of candy for \$27?	$1 \text{ lb} = 16 \text{ oz}$ $21 \text{ lb} =$ _____ oz $5 \times 6 =$ _____
---	--	---

$61,985 + 82,676 =$ _____ Write the missing family fact. $59 + 55 = 114$ $114 - 59 = 55$ $114 - 55 = 59$ _____	Sarah likes to change numbers into a secret letter form. Sarah changed the number 633,487 to BBBBBB. Sarah changed the number 693 to BBB. Sarah changed the number 9,572 to BBBB. Sarah changed the number 33,798 to BBBBB. How do you think she would change the number 57? _____
---	---

$7\% \text{ of } 100 \text{ is } 7.$ $7\% \text{ of } 200 \text{ is } 14.$ $7\% \text{ of } 500 \text{ is } 35.$ What is 7% of 900?	$6 \times 10 =$ _____ 	$(4 + 3) + 3 =$ What time is 17 hours after 5:00 a.m. _____ $49 \div 7 =$ _____
--	--	--

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$10 \times 3 =$ _____	Hannah is a family friend. She will be picking you up from school and driving you to a pizza place. Where should she go? Write instructions to explain how she could get there and where you will be going.
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Can 528 be evenly divided by 6? Circle: 528 is evenly divisible by 6 528 is NOT evenly divisible by 6	$10 \times 8 =$	
	$30 \div 10 =$	

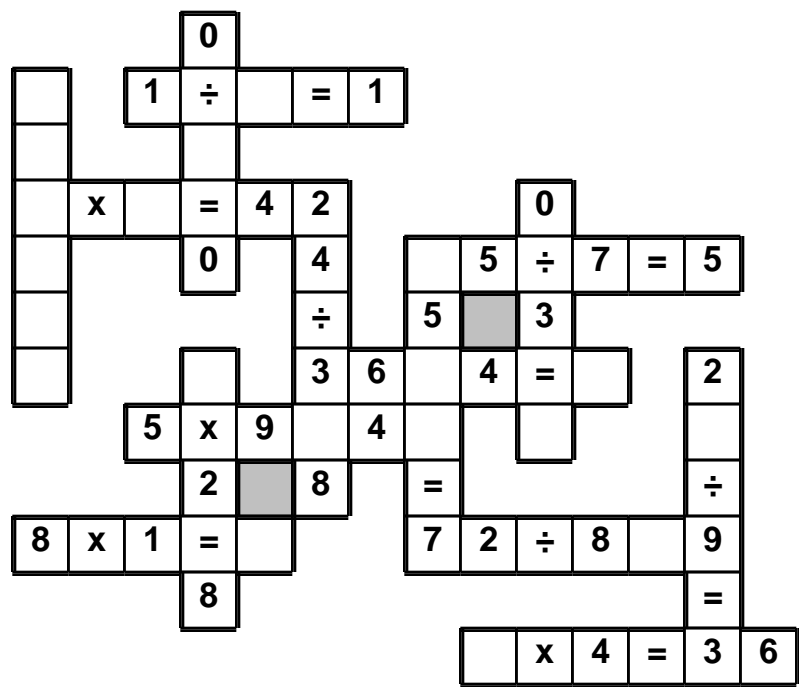
Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 40, 2, 3, 4, and 2. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.	$72 \div 6 =$
---	---------------

$8,972 + 5,616 =$ _____	Circle the addition property for $53 + 148 = 148 + 53$. <div style="text-align: center;"> associative property commutative property </div>
-------------------------	---

Name: _____

3 • 1 • x • 9 • 6 • 7 • = • 3 • 1 • 8 • 4 • ÷ • 9 • = • 5 • 0
7 • 8 • = • 9

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



9,139 - 4,627 = _____

Circle the greatest number:

- 84,265 90,173,846
903,714,597 52,745,391,082

The product of two consecutive whole numbers is 42. What are the two consecutive whole numbers?

Nathan has four nickels, four quarters, and one penny. He also has one other coin that is different from the rest of his coins. How much could he have?



Name: _____

Jordan, Joshua, Joseph, Jose, and Kylie each recycled a different number of cans (23, 30, 15, 24, and 18), as well as a different number of junk mail letters (102, 122, 135, 134, and 132).

Figure out how many cans and junk mail letters each person recycled.

1. Kylie recycled less than one hundred thirty-five junk mail letters.
2. If the number of cans Jordan recycled was doubled, she would have recycled thirty-six cans.
3. Joshua recycled the most number of junk mail letters.
4. Joseph recycled a total of one hundred thirty-two cans and junk mail letters.
5. Jose recycled ninety-nine more junk mail letters than the number of cans he recycled.
6. Joseph recycled the most number of cans.
7. Joshua recycled one hundred eleven more junk mail letters than the number of cans he recycled.
8. Joshua recycled more than twenty-two cans.
9. Jose recycled less than one hundred thirty junk mail letters.
10. Jordan and Joseph recycled a total of two hundred eighty-two cans and junk mail letters.

Jordan recycled _____ cans and _____ junk mail letters.

Joshua recycled _____ cans and _____ junk mail letters.

Joseph recycled _____ cans and _____ junk mail letters.

Jose recycled _____ cans and _____ junk mail letters.

Kylie recycled _____ cans and _____ junk mail letters.

In the number 4,000,438,967, the digit 7 is
in what place?

$$722 + 999 = \underline{\hspace{2cm}}$$



Name: _____

$$9 \overline{) 45}$$

$$9 \overline{) 27}$$

$$2 \overline{) 4}$$

$$6 \overline{) 30}$$

$$2 \overline{) 14}$$

$$3 \overline{) 9}$$

$$7 \overline{) 42}$$

$$9 \overline{) 72}$$

$$5 \overline{) 20}$$

$$4 \overline{) 32}$$

$$5 \overline{) 10}$$

$$4 \overline{) 8}$$



$$24 \div \underline{\quad} = 3$$

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

$$\underline{\quad} \div 3 = 9$$

$$\underline{\quad} \div 7 = 8$$

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

$$\underline{\quad} \div 9 = 8$$

$$36 \div \underline{\quad} = 4$$

$$\underline{\quad} \div 6 = 9$$

$$49 \div \underline{\quad} = 7$$

$$\underline{\quad} \div 4 = 4$$

$$36 \div \underline{\quad} = 9$$

$$\underline{\quad} \div 8 = 7$$



$$70 \div 7 =$$

$$50 \div 10 =$$

$$72 \div 6 =$$

$$4 \div 2 =$$

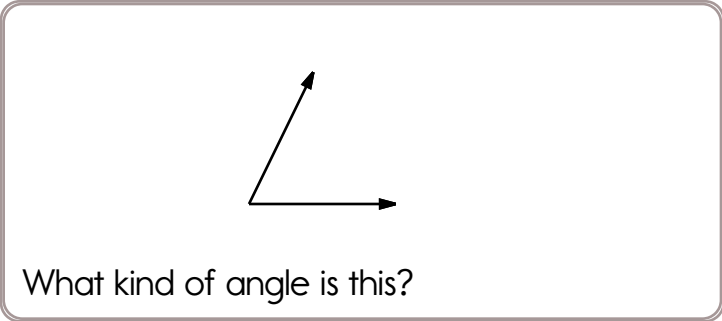
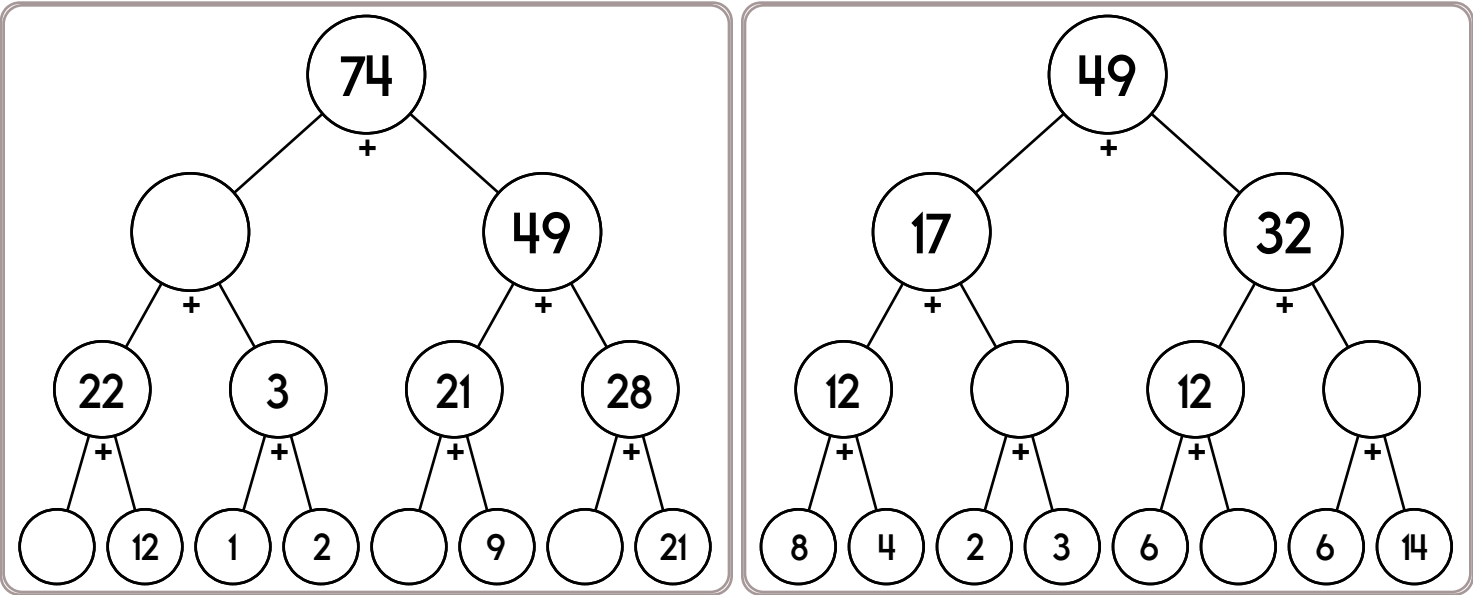
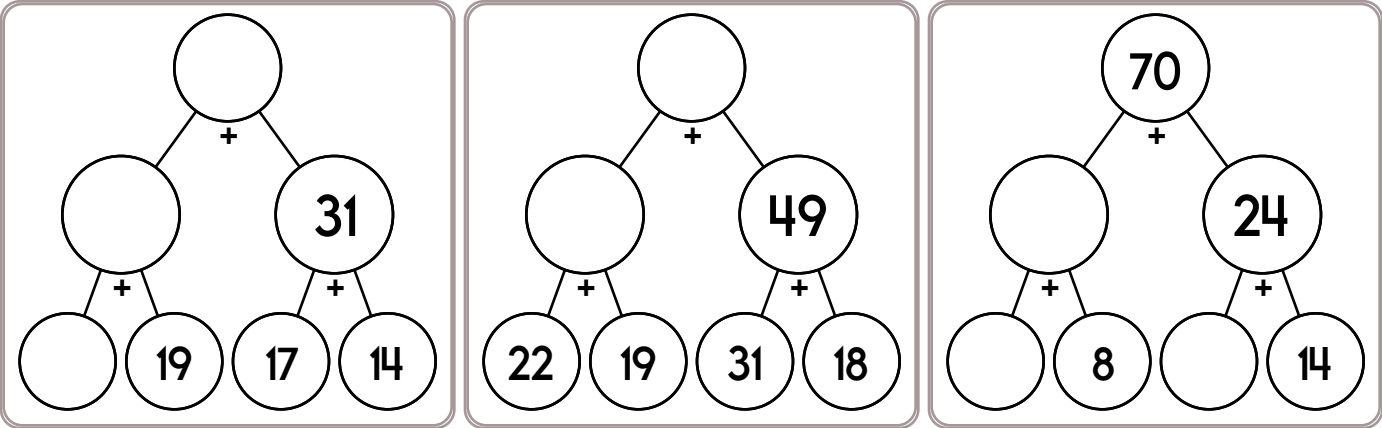
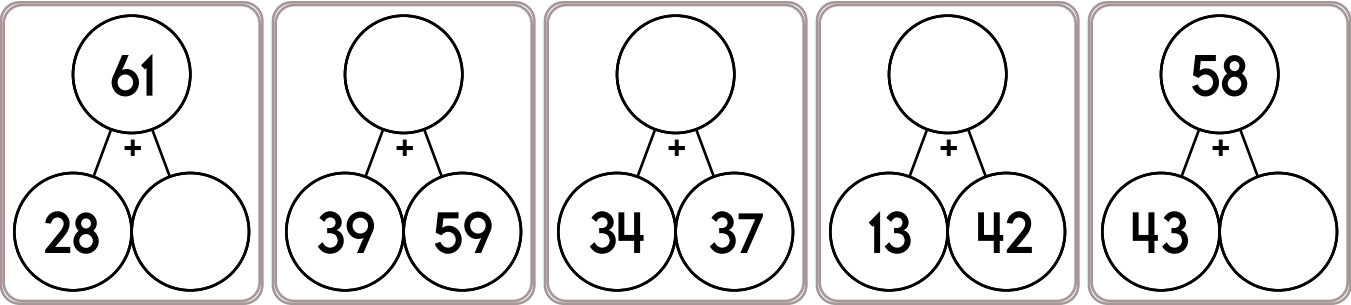
$$27 \div 3 =$$

$$10 \div 5 =$$

$$24 \div 12 =$$

$$18 \div 6 =$$

Name: _____



Sketch 2 lines \overleftrightarrow{KL} and \overleftrightarrow{ST} that are intersecting.



Name: _____

Get a fidget spinner! Spin it.

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

$$3 \times 3 \times 3 \times 3 = 3^x$$

What is the value of x ?

$$t - 12 + 15 = 28$$

What is the value of t ?

Rewrite in scientific notation.

76,020,000

What is the mode of the following number set?

45, 29, 43, 40, 39, 41, 31, 44,
37, 30, 33, 46, 38

A circle graph has four sections. Only three sections are labeled. The labels are 25.6%, 11.98%, and 12.42%. What should the missing section be?

7, _____, 11, 13, 15, 17

Simplify.

$$\frac{35}{45} =$$

$$0.9 \times 0.4$$

What is the greatest common factor of the numbers 144 and 48?

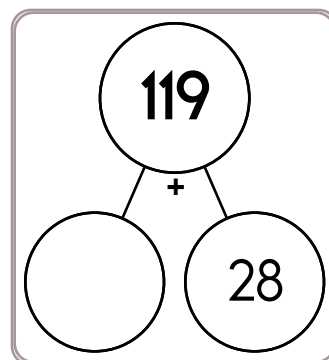
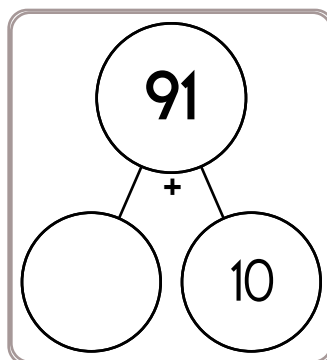
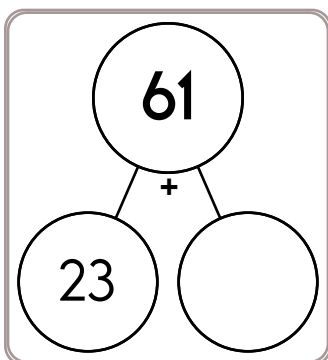
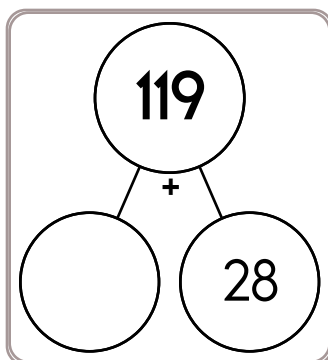
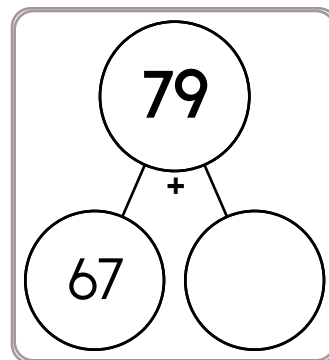
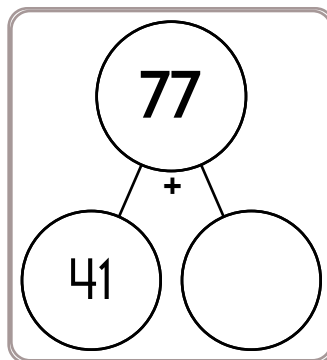
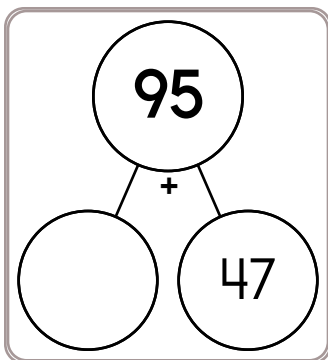
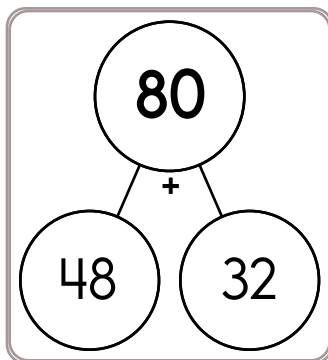
If $a = 6$ and $b = 67.8$,
then
 $3a + b - a =$

$$14n - 26.3 = 103.9$$

$$n =$$

$$11.3827 \times 10^2 =$$

Name: _____



$$\underline{\quad} - 59 = 22$$

$$88 - \underline{\quad} = 19$$

$$86 - \underline{\quad} = 65$$

$$\underline{\quad} - 63 = 6$$

$$62 - \underline{\quad} = 12$$

$$\underline{\quad} - 80 = 11$$

$$78 - \underline{\quad} = 27$$

$$\underline{\quad} - 61 = 31$$

$$\underline{\quad} - 53 = 5$$

$$\underline{\quad} - 17 = 2$$

$$84 - \underline{\quad} = 23$$

$$45 - \underline{\quad} = 19$$



$$16 \div 4 =$$

$$110 \div 11 =$$

$$15 \div 5 =$$

$$20 \div 10 =$$

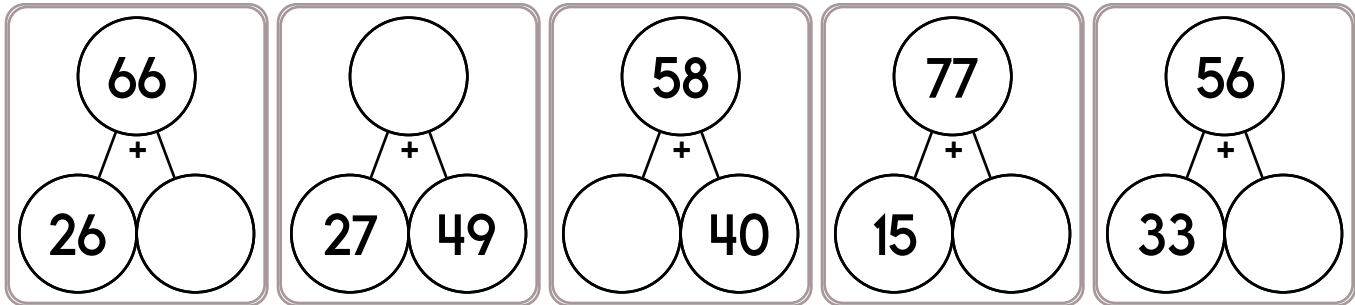
$$45 \div 5 =$$

$$28 \div 7 =$$

$$81 \div 9 =$$

$$54 \div 9 =$$

Name: _____



$$\frac{11}{28} \div \frac{1}{7} =$$

If $z = -5$ and $d = 36$ then
what is $11z + 10d - 2d = ?$

$$0.6 (0.9 (0.6 \times 8)) =$$

Rewrite as an algebraic
expression or equation.

The quotient of 104 and 13
is g.

Simplify.

$$\frac{3,000}{6,000} =$$

$t - 10 + t = 32$
What is the value of t ?

$$11 + 5 \cdot 9 + 10$$

$$|-66| + |45| =$$

If $c = 6$ and $z = -5$ then
what is $c^2 \times z^2$?

What is the value of d ?

$$2d + 15 - 3d = -6$$

If $a = 9$ and $z = -33$ then
what is $11a - 12z - 2z = ?$

$$8 + (91 \div 7) - 66 \div 11 =$$

Name: _____

$$15 \overline{) 330}$$

$$6 \overline{) 288}$$

$$84 \overline{) 840}$$

$$22 \overline{) 770}$$

$$24 \overline{) 360}$$

$$20 \overline{) 360}$$

$$55 \overline{) 1650}$$

$$3 \overline{) 96}$$

$$24 \overline{) 576}$$

$$54 \overline{) 108}$$

$$20 \overline{) 800}$$

$$20 \overline{) 360}$$

Write the reciprocal.

10

Write the reciprocal.

$$\frac{22}{24}$$

Write the reciprocal.

$$\frac{2}{1}$$

$$5 \times 5 \times 5 \times 5 \times 5 = Z^y$$

What is the value of Z
and y?

Simplify.

$$\frac{16,000}{22,400} =$$

Circle the greatest amount:

16%

0.14

$$\frac{9}{25}$$



Name: _____

disposal • clearances • chronicle • apparent • cameos • profit

Each row, column, and box must have all the words from the word list. Write in the missing words.

				clearances	chronicle
disposal		profit	apparent		
		chronicle	cameos	disposal	
		cameos			
profit		apparent			

$$51,538 + 89,571 = \underline{\hspace{2cm}}$$

Write an equation to represent this:

The product of nine and four is thirty-six.

Can 823 be evenly divided by 5? Circle:

823 is evenly divisible by 5

823 is NOT evenly divisible by 5

You are given five cards. One card has the number 1 on it, another card has a 2, another card has a 3, another card has a 4, and the last card has the number 5 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?





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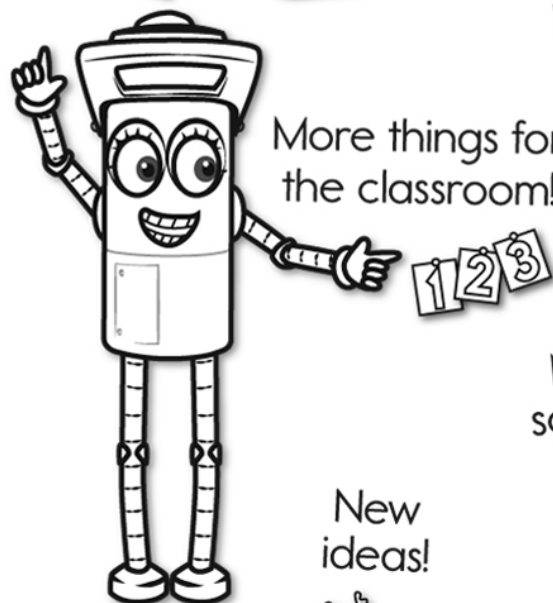


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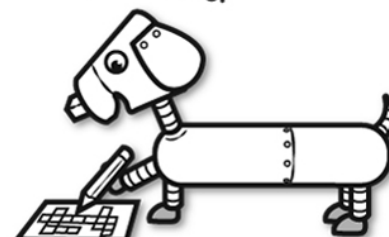


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