

Name: _____

Circle the pair of numbers that does not fit. Explain why.

7 and 35

17 and 85

19 and 95

9 and 45

6 and 36

(2,401) , _____ , (49) ,
(7) , (1) , $\frac{1}{7}$, $\frac{1}{49}$, $\frac{1}{343}$

What number is halfway
between 0 and 6?

How many total legs are on
9 elephants?

April has 27 nickels. How
much money is that?

Which number has exactly
8 ten thousands?

Which number has exactly
2 hundreds?

Insert commas in the correct places in
this sentence.

Male rabbits are called bucks
females are called does and
babies are called kits.

18 kg = _____ g

Name: _____

Mrs. Hernandez sent an e-mail out to parents asking them to send balloons to class.

Pam brought in $\frac{1}{4}$ as many balloons as Alex. Alex brought in $\frac{1}{3}$ as many balloons as Wendy. Who brought in the most balloons?

Did you guess Wendy? You would be correct. She brought in 96 balloons! How many balloons did Pam and Alex bring to class?

Write the supplement of each angle.

144°

164°

85°

43°

Write the supplement of each angle.

15°

23°

25°

5°

Use a protractor to draw an acute angle $\angle EFG$.

Is 46 a composite or a prime number?

What is 17 less than 1,399?

$72 \div 6 =$

Name: _____

Write all the factors for the number 18.

What is the greatest common factor of 8 and 2?

$$n - 7 = 13$$

$$5 - \underline{\quad} = 1$$

What is the missing number?

Is the greatest common factor of 2 and 10 smaller, equal to, or greater than the least common multiple of 2 and 10?

What is the greatest common factor of 9 and 15?

$$4 - x = 2$$

What is the value of x?

What is the greatest common factor of 24 and 16?

$$\underline{\quad} + 31 = 41$$

What is the missing number?

$$38 - x = 31$$

$$x + 18 = 32$$

What is the value of x?

Name: _____

The workers at Cosmic Computers assembled 28,500 computers. The deliverymen delivered 8,600 to the first store, 6,840 to the second store, and the remaining computers to the third store. How many computers were delivered to the third store?

Amanda is making a scrapbook for her grandmother. Amanda has 130 pictures. She can put 7 pictures on each page. How many pages will she need for the pictures?

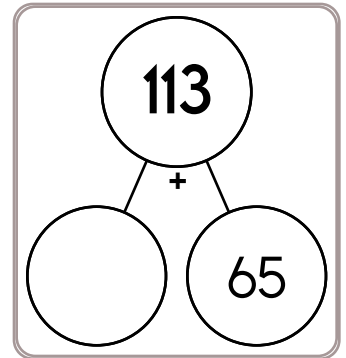
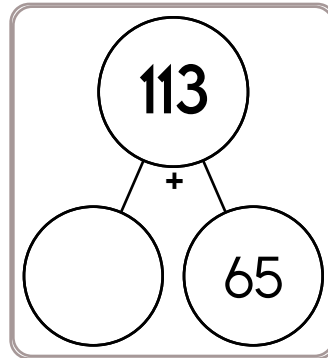
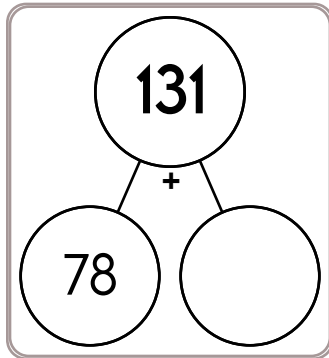
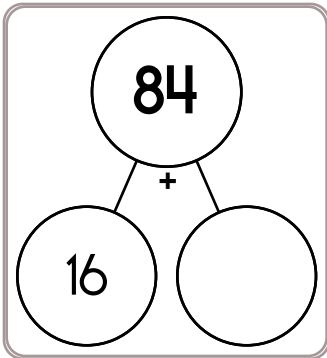
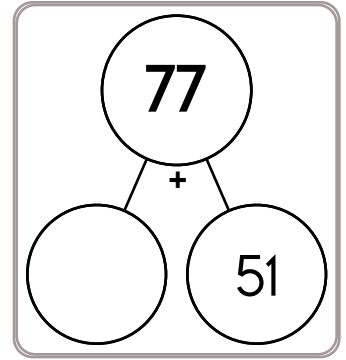
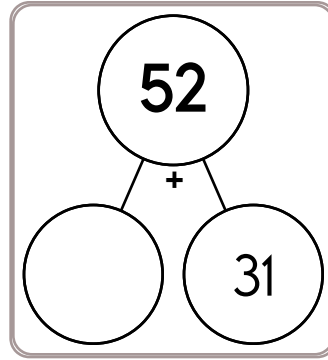
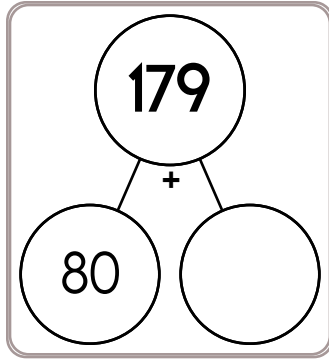
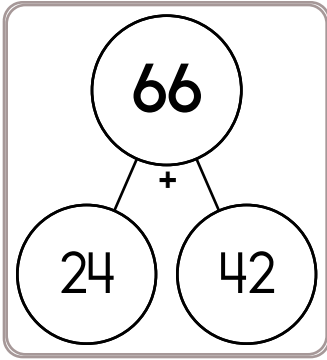
Jason had a collection of 120 miniature cars. They were all mixed together in a box. He sorted them into egg cartons and labeled each carton. He put one dozen cars in each carton except for the last one. How many cars did he put in the last carton?


Erin is making a new dress for the Dance Like a Chicken Day party. She has $5\frac{1}{3}$ yards of fabric. She will use $2\frac{3}{4}$ yards for the skirt and $\frac{3}{4}$ yards for the top. How much fabric will be left over?

Mr. Anderson is making a sign for the haunted house. The sign is 3.7 feet long and 2 feet wide. What is the perimeter of the sign?

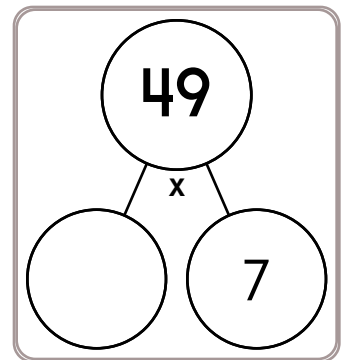
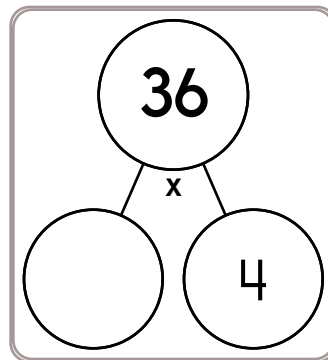
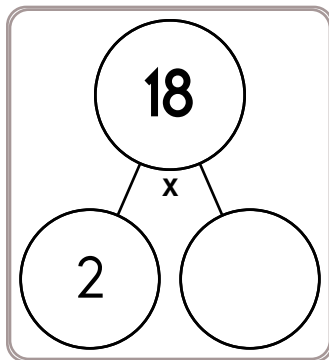
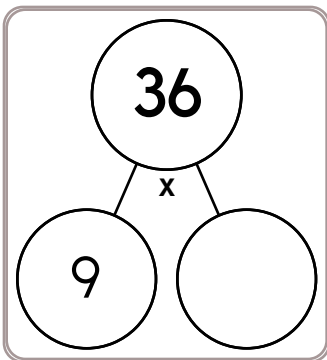
Nathan bought a book of Etheridge Knight's poems. It was a small book and only cost \$7.50. If Nathan and his sister each paid half of the price of the book, how much did each pay?

Name: _____





___ - 41 = 11	___ - 58 = 25	40 - ___ = 11
82 - ___ = 48	53 - ___ = 5	___ - 10 = 28
___ - 50 = 37	62 - ___ = 20	79 - ___ = 8
___ - 15 = 2	41 - ___ = 7	___ - 19 = 54



Name: _____

The total attendance at the Winter Wonderland Festival was thirty-eight thousand, one hundred forty-three. Write this number in standard notation.

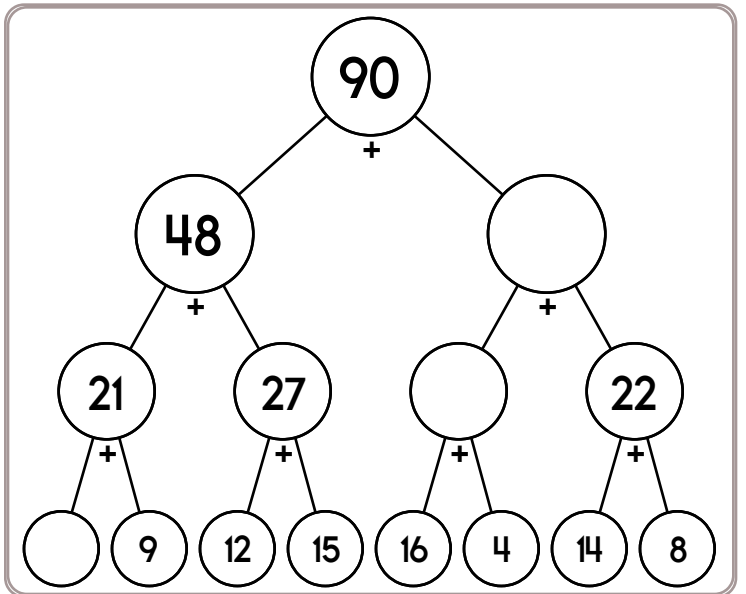
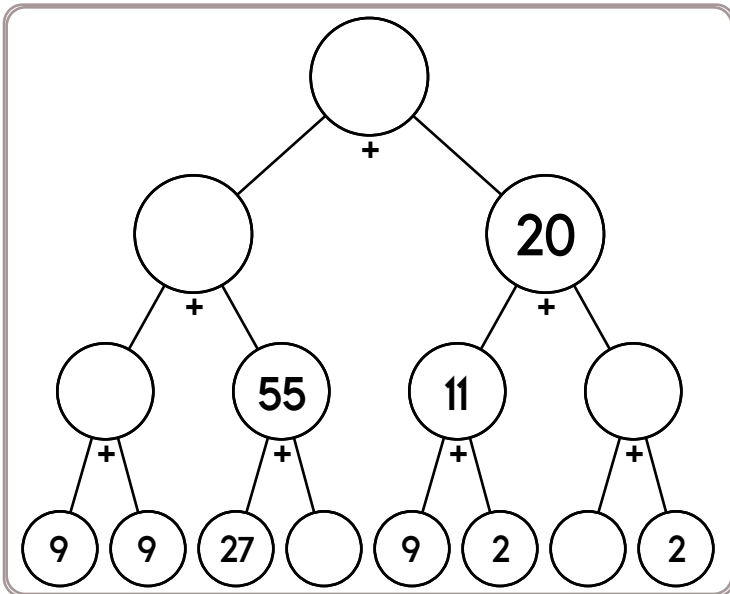
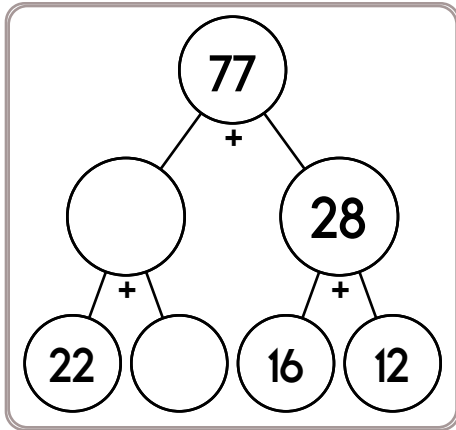
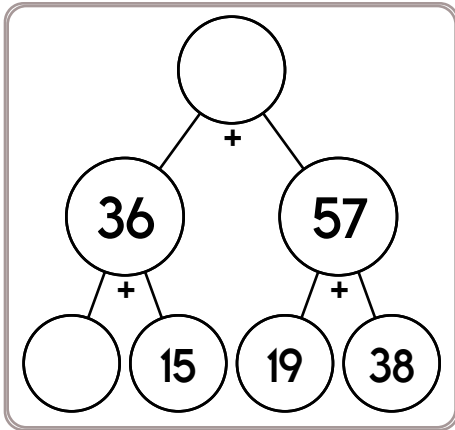
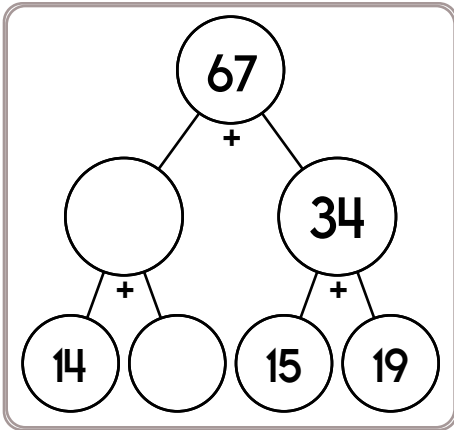
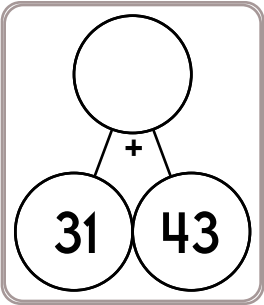
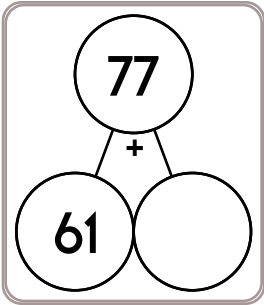
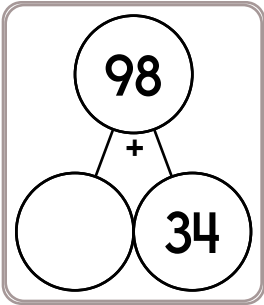
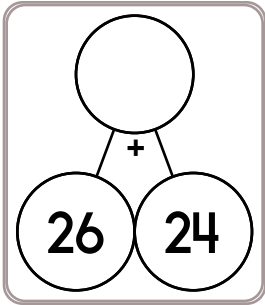
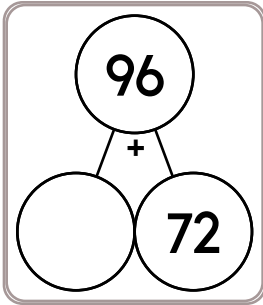
The mass of Amanda's notebook was 1 kilogram. She took out 339 grams of used paper. What was the mass of the notebook then?

Anne has a new job working at Pizzeria Magpie. She loves it, but she can only work four hours on Monday, four hours on Tuesday, and eight hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$12.40 per hour. How much will her first paycheck be?

Which digit is in the tens place in the number 652,143,978?

Write the number that this digit represents.

Name: _____

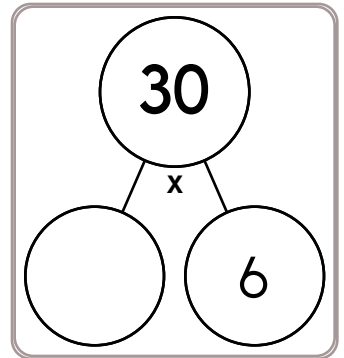
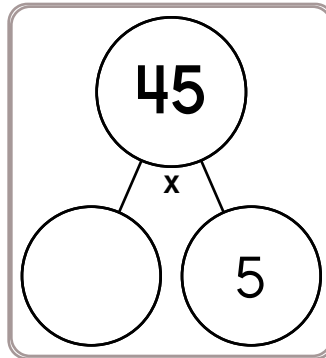
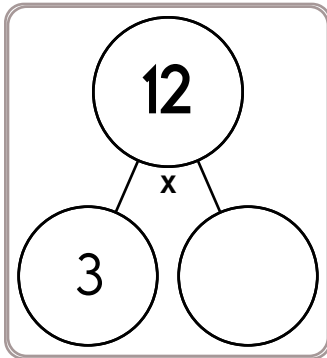
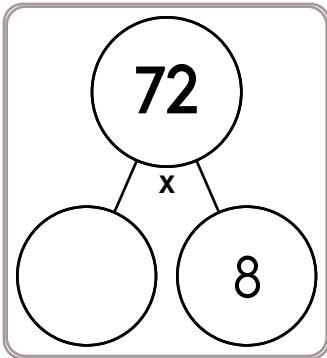
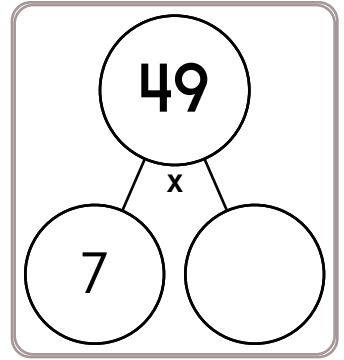
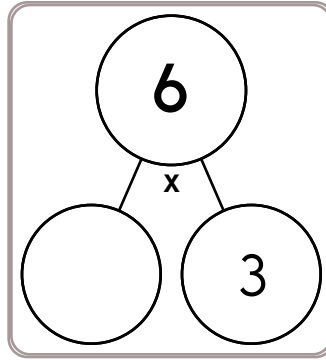
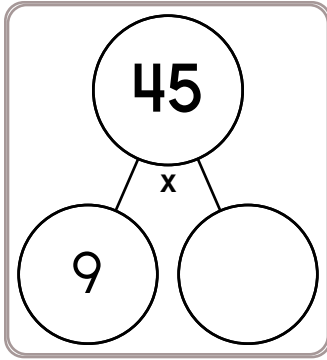
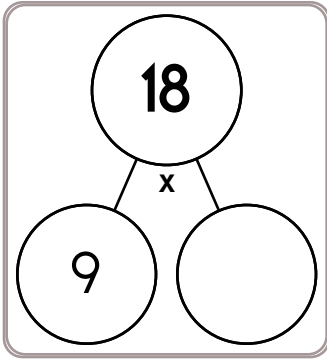


How many meters are there in 52 kilometers?

$$7 + 10 \times 6 - 6$$

$$7 \frac{1}{7} + 4 \frac{3}{7}$$

Name: _____



$810 \div 9 =$

$144 \div 48 =$

$567 \div 7 =$

$48 \div 24 =$

$540 \div 6 =$

$182 \div 7 =$

$183 \div 61 =$

$225 \div 9 =$

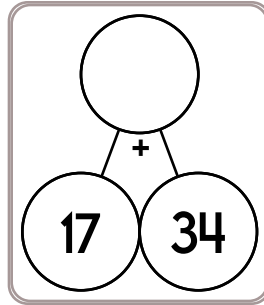
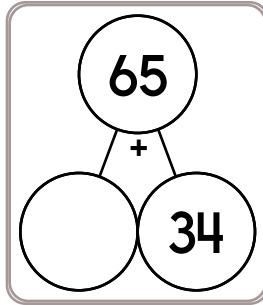
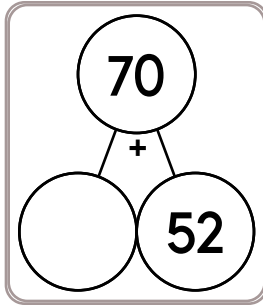
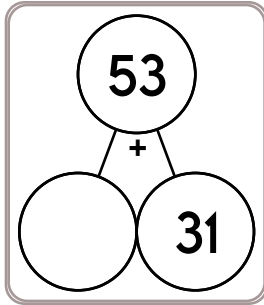
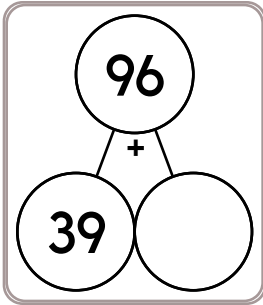
$9 \overline{) 45}$

$3 \overline{) 18}$

$2 \overline{) 16}$

$6 \overline{) 24}$

Name: _____



Reduce $\frac{2}{20}$ to its lowest terms.

Find the least common denominator.

$$\frac{1}{8} \text{ and } \frac{9}{12}$$

$$11 \frac{2}{3}$$

$$- 2$$

Round 11,506 to the nearest thousand.

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

15, _____, 19, 21, 23, 25,
27, 29, 31

11, 8, $11 \frac{1}{5}$, $8 \frac{1}{5}$, $11 \frac{2}{5}$,
 $8 \frac{2}{5}$, $11 \frac{3}{5}$, _____,
 $11 \frac{4}{5}$, $8 \frac{4}{5}$

What 4 coins add up to 17 cents?

2, 2, 4, 4, 2, 2, 4, 4, 2, 2,
_____, 4



Name: _____

Get a fidget spinner! Spin it.

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

$7 - 4 = \underline{\quad}$

$9 \times 7 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$3 \times 7 = \underline{\quad}$

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

$3 + 6 = \underline{\quad}$

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

$3 + 8 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

$7 - 5 = \underline{\quad}$

$4 + 7 = \underline{\quad}$

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

$3 \times 8 = \underline{\quad}$

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

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

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

$4 \times 7 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$6 - 4 = \underline{\quad}$

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

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

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

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

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

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

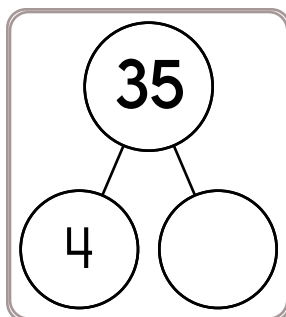
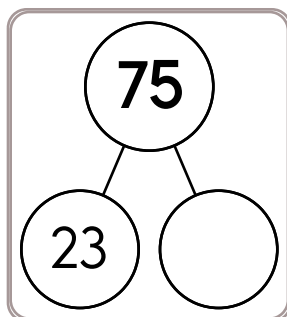
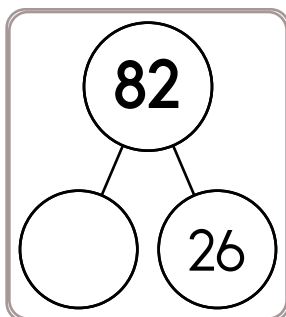
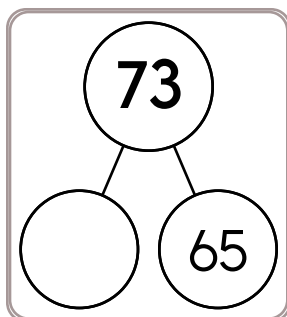
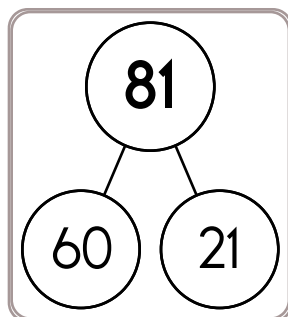
$5 + 6 = \underline{\quad}$

$7 \times 4 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

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

$4 + 5 = \underline{\quad}$



$18 + 5 = \underline{\quad}$

$36 + 6 = \underline{\quad}$

$48 + 3 = \underline{\quad}$

$23 + 3 = \underline{\quad}$

$68 + 9 = \underline{\quad}$

$75 + 9 = \underline{\quad}$

$55 + 7 = \underline{\quad}$

$29 + 6 = \underline{\quad}$

$16 + 8 = \underline{\quad}$

$47 + 8 = \underline{\quad}$

$69 + 3 = \underline{\quad}$

$35 + 3 = \underline{\quad}$

$75 + 8 = \underline{\quad}$

$59 + 4 = \underline{\quad}$

$74 + 3 = \underline{\quad}$

$29 + 7 = \underline{\quad}$

$34 + 6 = \underline{\quad}$

$53 + 7 = \underline{\quad}$

$48 + 6 = \underline{\quad}$

$63 + 4 = \underline{\quad}$

$14 + 7 = \underline{\quad}$

$76 + 4 = \underline{\quad}$

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

$43 + 5 = \underline{\quad}$

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

$13 + 6 = \underline{\quad}$

$55 + 3 = \underline{\quad}$

$27 + 5 = \underline{\quad}$

$68 + 8 = \underline{\quad}$

$79 + 5 = \underline{\quad}$

$25 + 9 = \underline{\quad}$

$38 + 7 = \underline{\quad}$

$49 + 5 = \underline{\quad}$

$54 + 8 = \underline{\quad}$

$15 + 5 = \underline{\quad}$

$17 + 6 = \underline{\quad}$

$38 + 5 = \underline{\quad}$

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

$75 + 4 = \underline{\quad}$

$43 + 5 = \underline{\quad}$

$29 + 9 = \underline{\quad}$

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$69 + 7 = \underline{\quad}$

$29 + 3 = \underline{\quad}$

$47 + 3 = \underline{\quad}$

$37 + 8 = \underline{\quad}$

$16 + 7 = \underline{\quad}$

$54 + 4 = \underline{\quad}$

$43 + 7 = \underline{\quad}$



Name: _____

Spin again.

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

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

$8 + 3 = \underline{\quad}$

$72 \div 9 = \underline{\quad}$

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

$8 - 6 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

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

$5 \times 7 = \underline{\quad}$

$8 \times 3 = \underline{\quad}$

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

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

$4 \times 5 = \underline{\quad}$

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

$3 + 7 = \underline{\quad}$

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

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

$7 + 3 = \underline{\quad}$

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

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

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

$8 + 6 = \underline{\quad}$

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

$4 + 3 = \underline{\quad}$

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

$6 + 4 = \underline{\quad}$

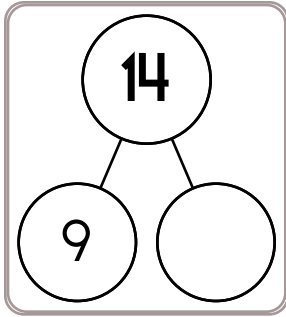
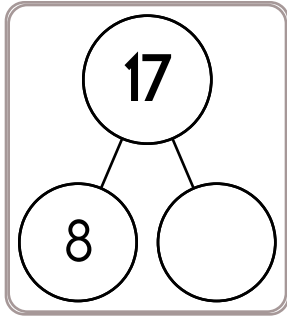
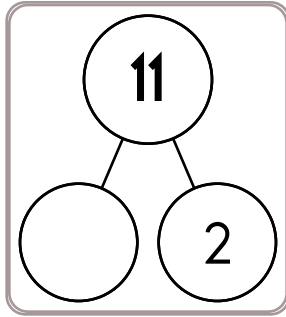
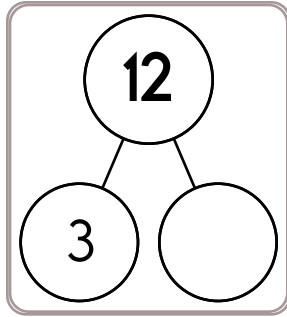
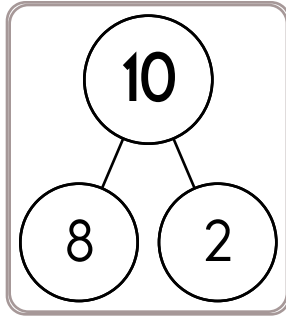
$5 + 5 = \underline{\quad}$

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

$63 \div 7 = \underline{\quad}$

$5 + 7 = \underline{\quad}$

$4 - 3 = \underline{\quad}$



$68 + 5 = \underline{\quad}$

$15 + 4 = \underline{\quad}$

$58 + 3 = \underline{\quad}$

$75 + 5 = \underline{\quad}$

$38 + 9 = \underline{\quad}$

$43 + 7 = \underline{\quad}$

$29 + 7 = \underline{\quad}$

$43 + 8 = \underline{\quad}$

$28 + 3 = \underline{\quad}$

$65 + 8 = \underline{\quad}$

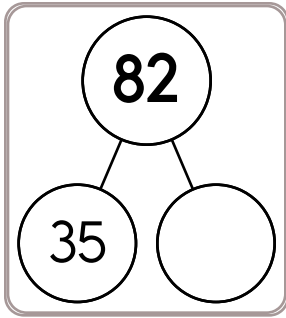
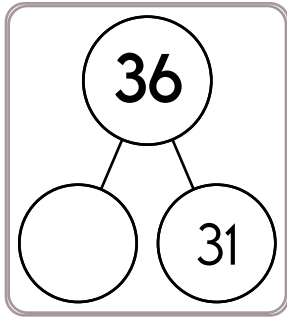
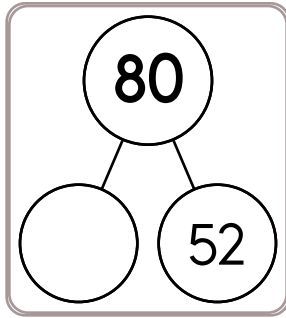
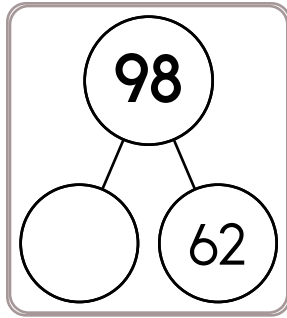
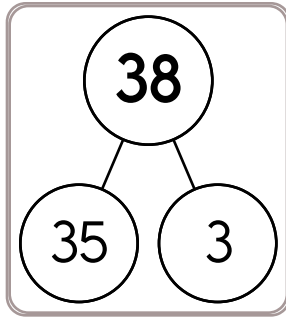
$57 + 5 = \underline{\quad}$

$34 + 9 = \underline{\quad}$

$75 + 9 = \underline{\quad}$

$13 + 8 = \underline{\quad}$

$28 + 5 = \underline{\quad}$



$23 + 4 = \underline{\quad}$

$77 + 8 = \underline{\quad}$

$35 + 6 = \underline{\quad}$

$58 + 8 = \underline{\quad}$

$43 + 3 = \underline{\quad}$

$18 + 6 = \underline{\quad}$

$68 + 7 = \underline{\quad}$

$74 + 8 = \underline{\quad}$

$49 + 9 = \underline{\quad}$

$27 + 5 = \underline{\quad}$

$53 + 6 = \underline{\quad}$

$18 + 4 = \underline{\quad}$

$66 + 3 = \underline{\quad}$

$37 + 4 = \underline{\quad}$

$69 + 5 = \underline{\quad}$

$54 + 3 = \underline{\quad}$

$43 + 7 = \underline{\quad}$

$74 + 9 = \underline{\quad}$

$13 + 4 = \underline{\quad}$

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

Name: _____

_____ is 10 more than 57

_____ is 10 more than 39

_____ is 100 more than 727

_____ is 100 more than 501

_____ is 100 more than 321

_____ is 100 more than 877

_____ is 1,000 more than 1,713

_____ is 1,000 more than 1,060

_____ is 10,000 more than 37,244

_____ is 10,000 more than 76,294

$20 \div 4 =$

If you multiply 314×978 , you will have a number that is how much bigger than 157×326 ?

$$\begin{array}{r} 46 \\ + 43 \\ \hline \end{array}$$

$4 \times 11 =$

- It will be six times as big.
- It will be twice as big.
- It will be five times as big.
- It will be eight times as big.
- It will be three times as big.
- It will be nine times as big.

$$\begin{array}{r} 67 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} 388 \\ + 347 \\ \hline \end{array}$$

Emily was given four numbers: 1, 7, 9, and 6. She needs to use two of these numbers to make a fraction. Can she make a fraction that is greater than five-sixths?

How many feet are in 84 inches?

_____ feet

On the line, write whether the group of words is a sentence or a run-on.

The first time I saw the man in the black hat it was a rainy Tuesday afternoon.

Circle the relative adverb.
why, until, if, so

Add the correct end punctuation for this sentence.

Is this song by your favorite singer

Name: _____

<p>For 2,134,200,776, write the digit that is in the ten thousands place.</p> <p>_____</p>	<p>What time is 15 hours after 3:00 p.m.?</p> <p>_____</p>	$\begin{array}{r} 305 \\ - 191 \\ \hline \end{array}$
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<p>Emily will win if a random number pulled out of a box is a number divisible by 4. 29 pieces of paper, numbered 22 to 50, are put inside a box. What is the chance that Emily will win?</p>	<p>1 lb = 16 oz</p> <p>20 lb = _____ oz</p>
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<p>How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.</p>	<p>Sarah wants Holly to guess a two digit number. She tells Holly that her number has two different digits. The digits are 9 and 7. Holly thinks. She then guesses the number 79. What are the chances that Holly has guessed correctly?</p>
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<p>Circle the greatest number:</p> <p>95,872 376,692</p> <p>406,135,401,298 453,710,863</p>

Name: _____

The principal of your school wants to buy forty-three books. Each book costs \$3.97. She wants to estimate how much it will cost. Show her how you would estimate the cost:

What is the homophone of this word?
whole

Insert a comma in the appropriate place in this sentence.

I wanted to write a short story for the literary contest but when I couldn't think of a good idea, I decided to write a poem instead.

Draw a shape that has between four and five lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

$$(5 + 8) + 9 =$$

Form the past, present, and future progressive form of the verb.

snore

Write a letter that has two or more lines of symmetry.

Eight kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$88. How much is one kids ticket? How much is one adult ticket?

$$6 \times 8 =$$

$$120 \div 10 =$$

Name: _____

$2 \cdot x \cdot 2 \cdot = \cdot 1 \cdot 5 \cdot 3 \cdot 4 \cdot x \cdot 0 \cdot 5 \cdot 2 \cdot 5 \cdot 0 \cdot x \cdot 1$
 $2 \cdot = \cdot 0 \cdot 8$

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

The puzzle grid contains the following numbers and symbols in their respective cells:
 - Row 1: 8 (above), ÷, 2, =, 1, 4 (right)
 - Row 2: 8, 4, 3, =, 1, 6 (right)
 - Row 3: =, 5, x, 3, 0, 6 (right)
 - Row 4: x, 8, =, 3, 2 (right)
 - Row 5: 5, 7, 7
 - Row 6: 4, 7, =, 7
 - Row 7: 2, 5, 2 (right)
 - Row 8: 4, 5, ÷, 9, =, 0, ÷, =, 4 (right)
 - Row 9: 2 (right)

How many digits are in ten times ten?

Anne has two favorite numbers. If you add her favorite numbers, you get 20. If you multiply her favorite numbers, you get 75. What are her mystery numbers?

Circle the smallest number:

71,305,896,243

7,251,984

60,306

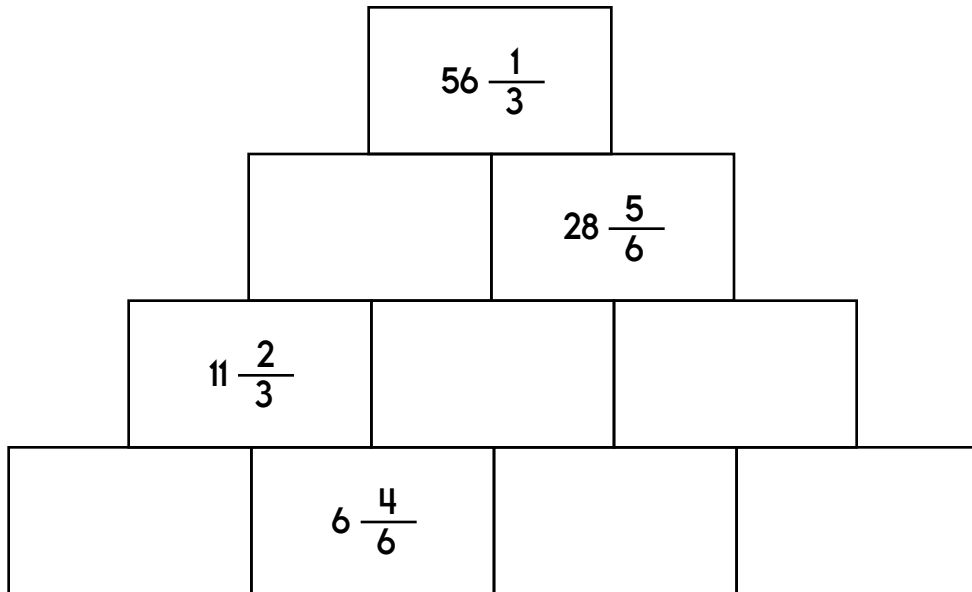
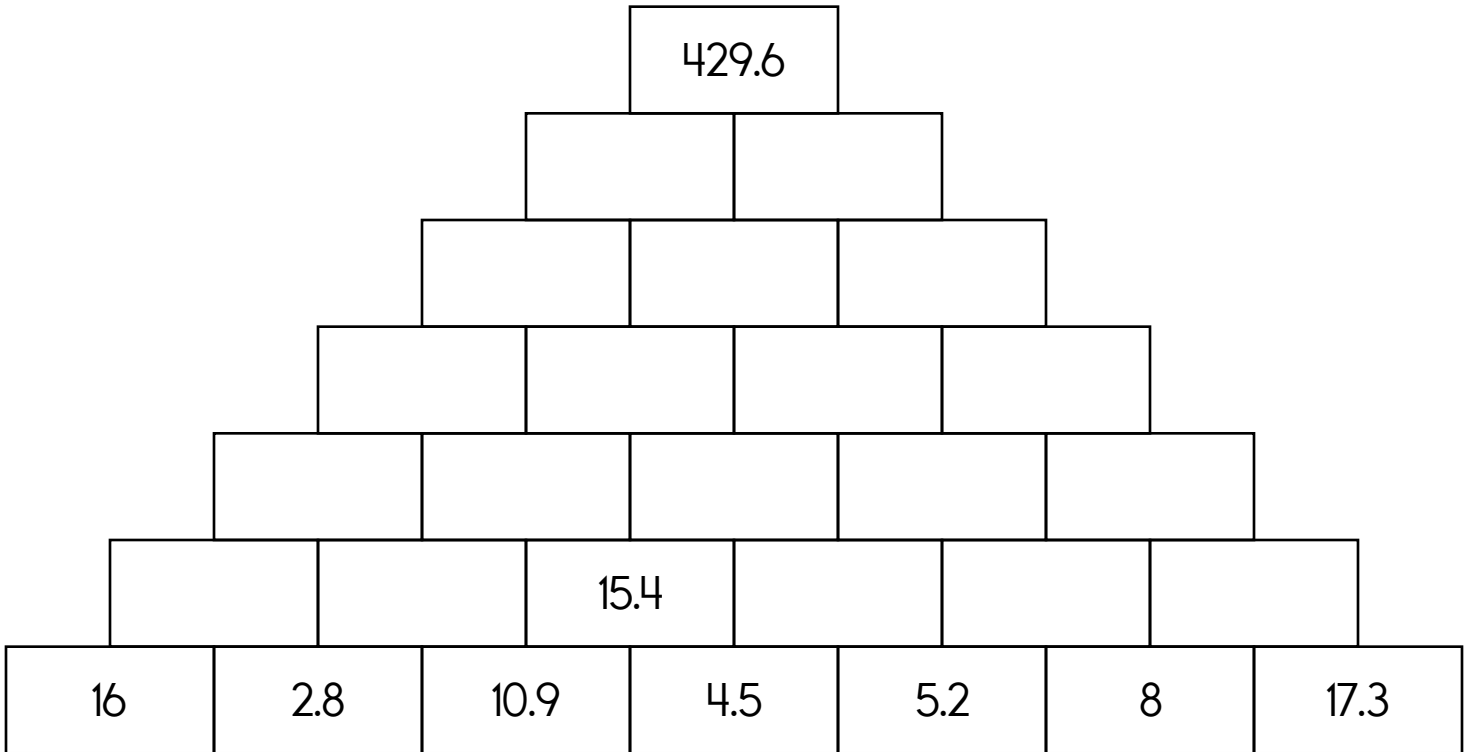
7,519

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

one hundred forty-four thousand, eight hundred twenty-four

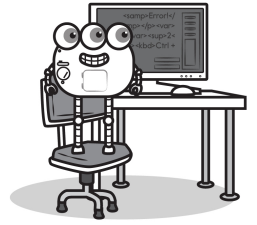
Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.



Write 61,079 in words.

Name: _____



Name: _____

Robot was given a math problem to solve.

Hannah made 4 pounds of peanut butter fudge for the sale. She cut each pound of fudge into 22 pieces. How many pieces of fudge did she make?

Robot wrote this program in Python to solve it.

```
# Define variables
pounds_of_fudge = 4
pieces_per_pound = 22

# Calculate the total pieces of fudge
total_pieces_of_fudge = pounds_of_fudge * pieces_per_pound

# Print the results
print(total_pieces_of_fudge)
```

Robot's program will print the answer to the math problem.

What will the program print out? Fill in the blanks.



Hint and a Question

To multiply in Python `*` is used.

```
test_multiply = 7 * 14 # assign 98 to the variable test_multiply
print(test_multiply) # this would print test_multiply to the screen
```

Write a line of code to calculate the product of 4 times 17 and store it in the variable `cookies_to_bake`.

Name: _____

Levi Strauss traveled from his home in Bavaria, a distance of approximately 4,005 miles, to join his brothers in New York City. Just a few years later, he traveled from New York City to San Francisco, California, approximately 2,521 miles. How much further was his trip from Bavaria to New York City than his trip from New York City to San Francisco?

Alex was curious about everything, especially measurements. He liked to know how much water a glass would hold, how much air a balloon would hold, and how much pudding a bowl would hold. He even wanted to know how much batter his mother's cake pan would hold! The cake pan is thirteen inches long, seven inches wide, and 1.4 inches deep. What is the volume of the cake pan?

Sometimes geeks make mistakes, too. Jessica was the first one to memorize the multiplication facts from 0 to 10. She bragged about it. Then on a test, she missed one! She missed $9 \times 6 =$ _____. What is the correct answer?

The length of the gingerbread house is 4 cm more than 3 times the width. What is the perimeter of the house if the width is 27 cm?

The Nile River was 12 feet above flood stage yesterday. Today the water rose to 20 feet above flood stage. How far did the river rise today? Write an equation for this problem. Explain what the variable represents.

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

1	4	1	2	1	5	2
2	5	3		3	4	1
				1	2	3

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

5 2 1 3 4

3			5	3	4	1	5
1			4	1	2	3	2
2	4		2	3	4	1	5

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

4 3 2 1 5

1		1			4	1	4
4		5	3	5	3	5	2
2	1	4	1	4			
	3	2	3	2	5	2	1

Hint - These numbers are missing:

3 3 4 2 5 1 2 1

	4	3		3		5	
5	1	5		1		1	2
2	4		3	5	4	3	4
	1	5	1		1	5	1

Hint - These numbers are missing:

2 3 2 2 3 2 4 4 2

Name: _____

Each row, column, and box must have the numbers 1 through 6.

	2				1
4		1			3
			1	2	
	4			5	
	3	2	6	1	

Each row, column, and box must have the numbers 1 through 6.

	3				6
			3		
2		1	5		
					2
4			1		5
		5		3	

Circle the word that is a synonym for the word delighted. {Delete extra space before the period.}

displeased, pleased, exasperated

Name: _____

	+	+	=	
	A	B	B	53
+	B	C	B	67
=				
	28	42	?	

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$B + C + B = 67 \quad B + \underline{\quad} = 42 \quad \underline{\quad} + \underline{\quad} = 28$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 53$$

Additional hints:

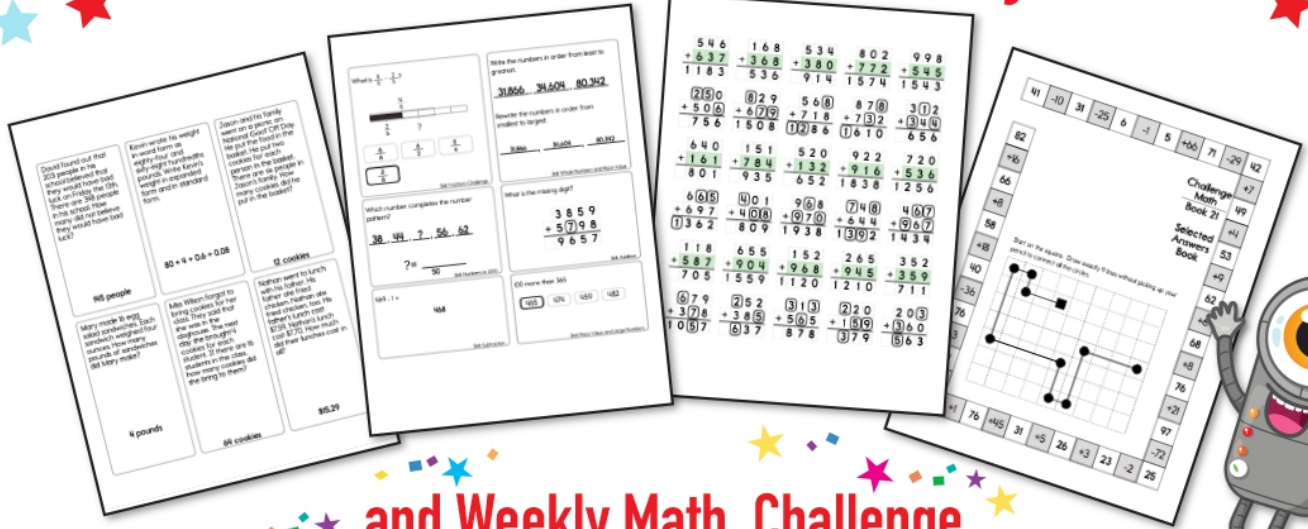
$$B = A + 22 \quad B < 35$$

Show Work:

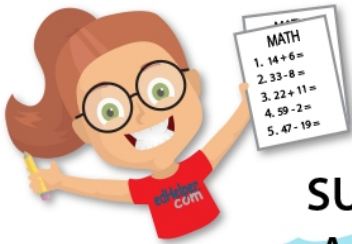
Solve:

$$? = \underline{\quad}$$

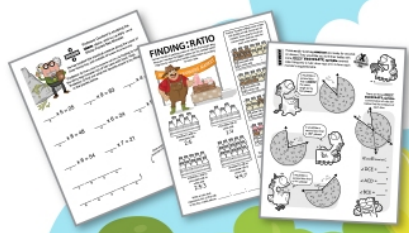
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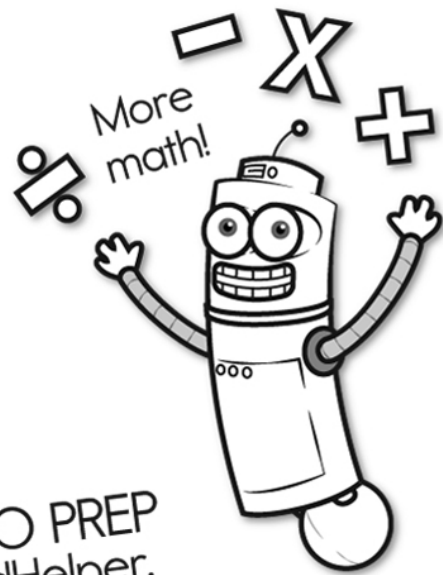
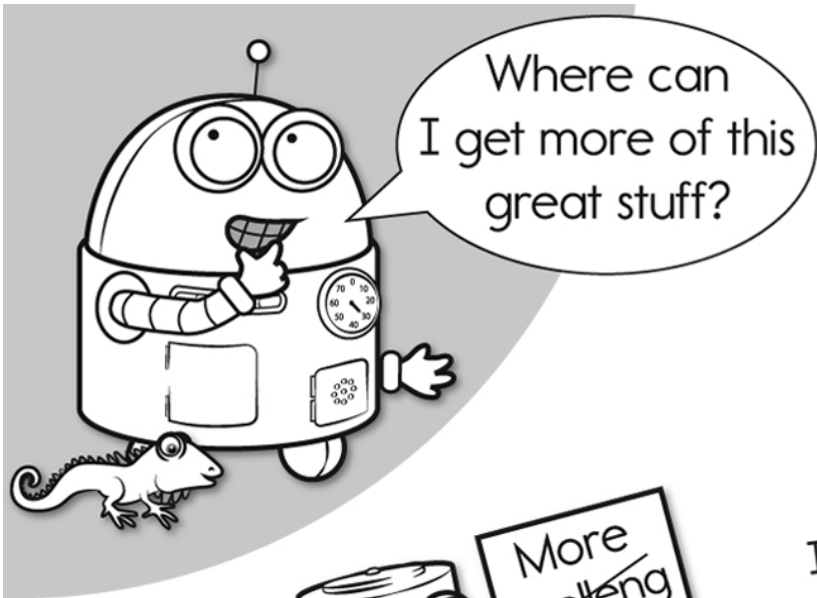
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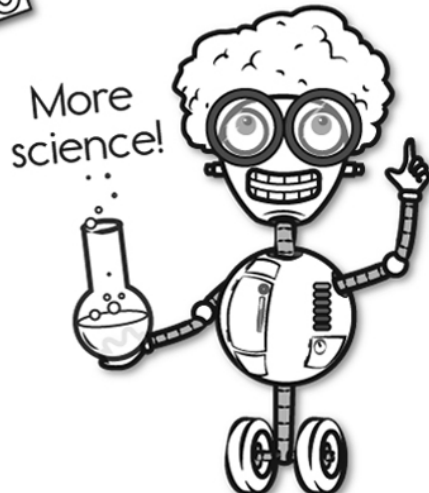
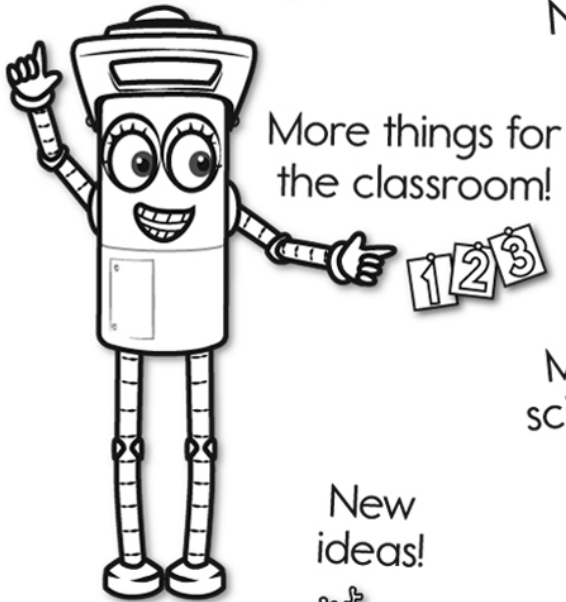
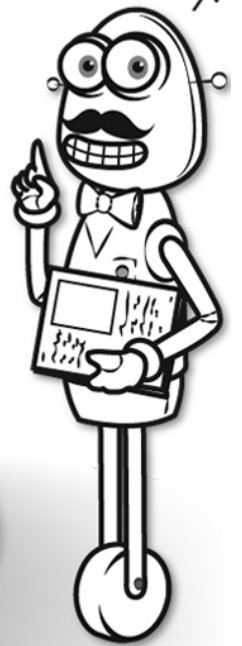
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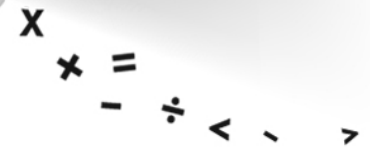


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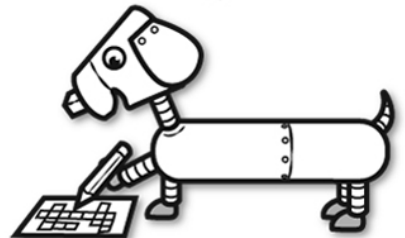
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