

Name: _____

While people just say "penguins," there are several types of penguins. The emperor penguin is the largest species, averaging 43 inches and 77 pounds. The little blue penguin is smallest, averaging 16 inches and 2.2 pounds. Some prehistoric penguins were thought to grow as tall as 69 inches and weigh as much as 176 pounds.

How much taller was the prehistoric penguin than the little blue penguin?

How many little blue penguins would have to stand on each other's heads to be as tall as or taller than one prehistoric penguin?

How much taller would the little blue penguin stack be than the prehistoric penguin?

Name: _____



$$\underline{\quad} + 4 = 44$$

$$47 + \underline{\quad} = 51$$

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

$$39 + \underline{\quad} = 41$$

$$83 + \underline{\quad} = 92$$

$$\underline{\quad} + 8 = 92$$

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

$$30 + \underline{\quad} = 37$$

$$46 + \underline{\quad} = 49$$

$$27 + \underline{\quad} = 32$$

$$\underline{\quad} + 6 = 38$$

$$\underline{\quad} + 4 = 92$$



$$89 - 4 =$$

$$95 - 8 =$$

$$34 - 5 =$$

$$84 - 3 =$$

$$44 - 6 =$$

$$29 - 7 =$$

$$80 - 2 =$$

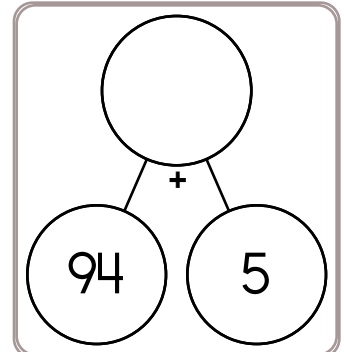
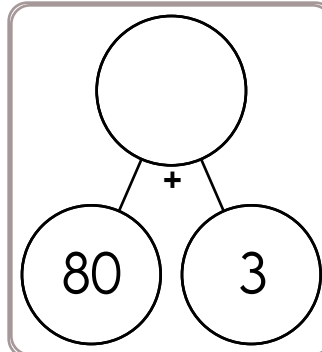
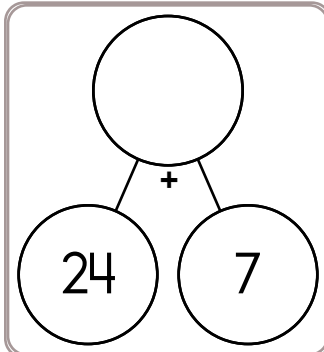
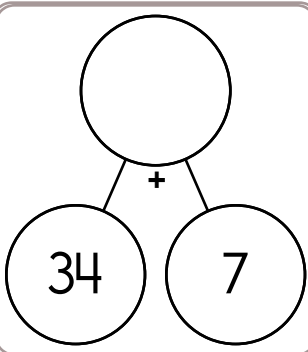
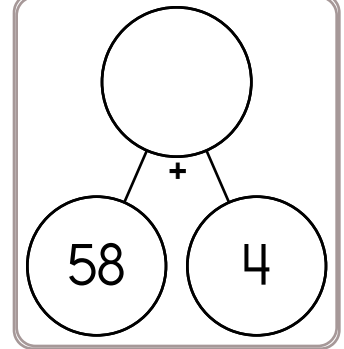
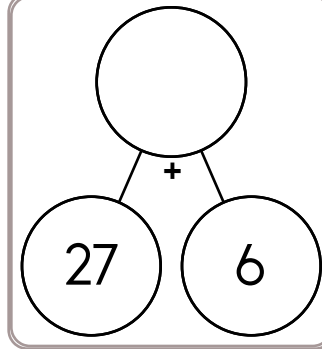
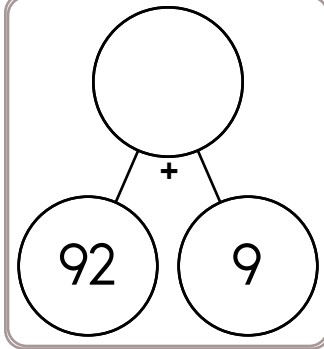
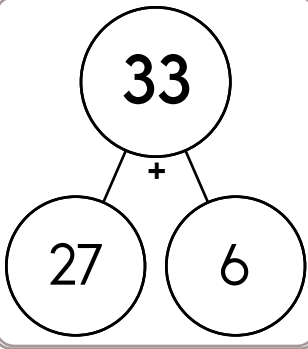
$$76 - 6 =$$

$$97 - 8 =$$

$$40 - 7 =$$

$$30 - 9 =$$

$$29 - 5 =$$



Name: _____

April bought a book about butterflies for her best friend. She also bought some cards and stickers at the same store. The total price was \$23.79. The cards cost \$3.47, the stickers cost \$1.37, and the tax was \$1.48. What was the price of the book?

Mr. Smith wrote an article about fraud for the newspaper. He wrote about 310 words per page. The article was four pages long. About how many words did he write in all?

"Want to visit my farm?" asked Justin. "It's just me, my mom, my dad, my 3 sisters, my 11 spiders, my 2 chickens, and, last but not least, my 2 dogs."

"Yuck, did you say 11 spiders? Seriously?" asked Ava.

"Yes, I did! Just answer the following math question. I didn't say these math questions make sense," said Justin with a big smile.

How many legs are there where Justin lives? If it helps, humans have 2 legs (duh!), spiders have 8, and you can figure out the rest!

You are given a secret number of 39,742,158.

Psst. Whisper the number in the ten thousands place: _____

Psst. Whisper the number in the ten millions place: _____

Psst. Whisper the number in the millions place: _____

Name: _____

$$\begin{array}{c} 19 \\ + \\ 16 \end{array}$$

$$\begin{array}{c} 62 \\ + \\ 59 \end{array}$$

$$\begin{array}{c} 75 \\ + \\ \end{array}$$

$$\begin{array}{c} 19 \\ + \\ 9 \end{array}$$

$$\begin{array}{c} 88 \\ + \\ 83 \end{array}$$

$$\begin{array}{c} 93 \\ + \\ 4 \end{array}$$

$$\begin{array}{c} 64 \\ + \\ 57 \end{array}$$

$$\begin{array}{c} 59 \\ + \\ 5 \end{array}$$

$$\begin{array}{r} 51 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 5 \\ \hline \end{array}$$

$$6304 - 4019 =$$

$$50 + 30 =$$

$$\begin{array}{r} 646 \\ 4,681 \\ + 122 \\ \hline \end{array}$$

Name: _____

$$\begin{array}{r} 510 \\ + 542 \\ \hline \end{array}$$

$$\begin{array}{r} 253 \\ + 907 \\ \hline \end{array}$$

$$\begin{array}{r} 757 \\ + 851 \\ \hline \end{array}$$

$$\begin{array}{r} 315 \\ + 449 \\ \hline \end{array}$$

$$\begin{array}{r} 629 \\ + 905 \\ \hline \end{array}$$

$$\begin{array}{r} 1\Box4 \\ + 343 \\ \hline 5\Box7 \end{array}$$

$$\begin{array}{r} \Box24 \\ + 3\Box\Box \\ \hline 463 \end{array}$$

$$\begin{array}{r} 2\Box7 \\ + 506 \\ \hline 7\Box3 \end{array}$$

$$\begin{array}{r} 85\Box \\ + \Box50 \\ \hline 1\Box08 \end{array}$$

$$\begin{array}{r} \Box1\Box \\ + 534 \\ \hline \Box52 \end{array}$$

$$\begin{array}{r} 700 \\ + 328 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ + 709 \\ \hline \end{array}$$

$$\begin{array}{r} 376 \\ + 685 \\ \hline \end{array}$$

$$\begin{array}{r} 170 \\ + 600 \\ \hline \end{array}$$

$$\begin{array}{r} 735 \\ + 440 \\ \hline \end{array}$$

$$\begin{array}{r} 87\Box \\ + 4\Box4 \\ \hline \Box306 \end{array}$$

$$\begin{array}{r} 1\Box\Box \\ + \Box97 \\ \hline 865 \end{array}$$

$$\begin{array}{r} 68\Box \\ + \Box53 \\ \hline 1\Box\Box5 \end{array}$$

$$\begin{array}{r} 72\Box \\ + \Box\Box3 \\ \hline 1606 \end{array}$$

$$\begin{array}{r} \Box\Box\Box \\ + 729 \\ \hline \Box076 \end{array}$$

$$\begin{array}{r} 551 \\ + 599 \\ \hline \end{array}$$

$$\begin{array}{r} 686 \\ + 948 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ + 563 \\ \hline \end{array}$$

$$\begin{array}{r} 980 \\ + 154 \\ \hline \end{array}$$

$$\begin{array}{r} 241 \\ + 808 \\ \hline \end{array}$$

$$\begin{array}{r} 1\Box\Box \\ + \Box85 \\ \hline 861 \end{array}$$

$$\begin{array}{r} 48\Box \\ + 6\Box3 \\ \hline \Box125 \end{array}$$

$$\begin{array}{r} \Box\Box3 \\ + 2\Box0 \\ \hline 6\Box3 \end{array}$$

$$\begin{array}{r} 22\Box \\ + \Box\Box\Box \\ \hline 1050 \end{array}$$

$$\begin{array}{r} 53\Box \\ + \Box\Box1 \\ \hline 1178 \end{array}$$

Name: _____

$\begin{array}{c} 84 \\ + \\ 27 \end{array}$	$\begin{array}{c} 63 \\ + \\ \end{array}$	$\begin{array}{c} \\ + \\ 21 \end{array}$	$\begin{array}{c} 74 \\ + \\ \end{array}$	$\begin{array}{c} 74 \\ + \\ \end{array}$
--	---	---	---	---

$\begin{array}{c} \\ + \\ 43 \end{array}$	$\begin{array}{c} \\ + \\ 69 \end{array}$	$\begin{array}{c} 64 \\ + \\ 14 \end{array}$	$\begin{array}{c} 76 \\ + \\ 60 \end{array}$	$\begin{array}{c} \\ + \\ 19 \end{array}$
---	---	--	--	---

$\begin{array}{c} 82 \\ + \\ \end{array}$	$\begin{array}{c} \\ + \\ 38 \end{array}$	$\begin{array}{c} 47 \\ + \\ \end{array}$
$\begin{array}{c} \\ + \\ 70 \end{array}$	$\begin{array}{c} \\ + \\ 45 \end{array}$	$\begin{array}{c} \\ + \\ 33 \end{array}$
$\begin{array}{c} \\ + \\ 4 \end{array}$	$\begin{array}{c} \\ + \\ 17 \end{array}$	$\begin{array}{c} \\ + \\ 11 \end{array}$

$\begin{array}{c} 96 \\ + \\ 49 \end{array}$	$\begin{array}{c} 69 \\ + \\ \end{array}$	$\begin{array}{c} \\ + \\ \end{array}$
$\begin{array}{c} \\ + \\ 30 \end{array}$	$\begin{array}{c} \\ + \\ 41 \end{array}$	$\begin{array}{c} \\ + \\ 32 \end{array}$
$\begin{array}{c} \\ + \\ 33 \end{array}$	$\begin{array}{c} \\ + \\ 14 \end{array}$	$\begin{array}{c} \\ + \\ 16 \end{array}$

$$\begin{array}{r} 7,697 \\ + 5,315 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$

Name: _____

What is 23 less than 180?

$$\begin{array}{r}
 78 \\
 + 6 \\
 \hline
 \end{array}$$

It is 7:42 when Anne leaves her house. She arrives at school at 8:08. How much time has passed?

$$\begin{array}{r}
 254 \\
 526 \\
 + 862 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 271 \\
 90 \\
 88 \\
 + 851 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 91 \\
 + 865 \\
 \hline
 \end{array}$$

In the parking lot there are 13 vehicles. There are 2 SUVs. What fraction of the vehicles are not SUVs?

What number is halfway between 0 and 8?

How much greater is 185 than 36?

Emma has \$33. She wants to buy something that costs \$99. How much more does she need?

$$3 \times 7 - 12$$

How many minutes are there from 5:00 p.m. until 6:30 p.m.?

$$12 \times 8 =$$

A book has 5 pages. Each page has 10 dimes. How many dimes in the book?

How many total legs are on 11 dogs?

Name: _____

$$\begin{array}{r} 38 \\ - 6 \\ \hline \end{array}$$

$7 \times \underline{\quad} = 21$

$11 + \underline{\quad} + 18 = 47$

$$\begin{array}{r} 239 \\ - 21 \\ \hline \end{array}$$

Write an odd number.

3×9

Find the sum of 52 and 35.

What number is 244 less than 431?

$$\begin{array}{r} 3 \\ 361 \\ 301 \\ + \quad 9 \\ \hline \end{array}$$

$27 \div 3 =$

$\text{double } 43 =$

Write the greatest possible 4-digit number using only 3 different numbers.

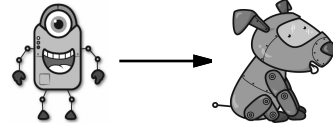
$35 \div \underline{\quad} = 7$

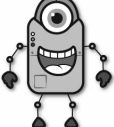

A book has 6 pages. Each page has 11 dimes. How many dimes in the book?

How many tens are in the number 8,900?

Name: _____

Help Robot find Rover. Make a path of increasing differences. You can only move to a box with a larger difference. Draw a line to show your path.



	$\begin{array}{r} 84 \\ - 81 \\ \hline \end{array}$	$\begin{array}{r} 41 \\ - 37 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ - 15 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ - 59 \\ \hline \end{array}$	$\begin{array}{r} 71 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ - 73 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ - 51 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ - 49 \\ \hline \end{array}$
$\begin{array}{r} 71 \\ - 26 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ - 61 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ - 49 \\ \hline \end{array}$	$\begin{array}{r} 98 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 59 \\ - 14 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ - 21 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 95 \\ - 46 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ - 63 \\ \hline \end{array}$
$\begin{array}{r} 93 \\ - 70 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ - 63 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 21 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ - 68 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ - 41 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ - 36 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ - 32 \\ \hline \end{array}$
$\begin{array}{r} 54 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ - 14 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 79 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 41 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ - 18 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 19 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ - 40 \\ \hline \end{array}$
$\begin{array}{r} 86 \\ - 32 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ - 19 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ - 19 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ - 28 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 46 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 44 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 52 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 31 \\ \hline \end{array}$
$\begin{array}{r} 51 \\ - 29 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 76 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ - 26 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 45 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 34 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 31 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 29 \\ \hline \end{array}$
$\begin{array}{r} 57 \\ - 36 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 79 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 84 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ - 33 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ - 67 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ - 21 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ - 43 \\ \hline \end{array}$
$\begin{array}{r} 45 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ - 35 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ - 44 \\ \hline \end{array}$	$\begin{array}{r} 98 \\ - 22 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 32 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ - 34 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 95 \\ - 26 \\ \hline \end{array}$	

Name: _____

$$\begin{array}{r} 751 \\ 369 \\ + 932 \\ \hline \end{array}$$

$$\begin{array}{r} 115 \\ - 96 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 1 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 591 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 53 \\ \hline \end{array}$$

Find the difference between 651 and 55.

Find the sum of 12, 17, and 43.

Subtract 86 from 677.

$$\begin{array}{r} 25 \\ + 40 \\ \hline \end{array}$$

Subtract 176 from 291.

Subtract 101 from 553.

Find the difference between 8234 and 3201.

Reduce $\frac{36}{81}$ to its lowest terms.

Reduce $\frac{27}{72}$ to its lowest terms.

Reduce $\frac{9}{45}$ to its lowest terms.

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

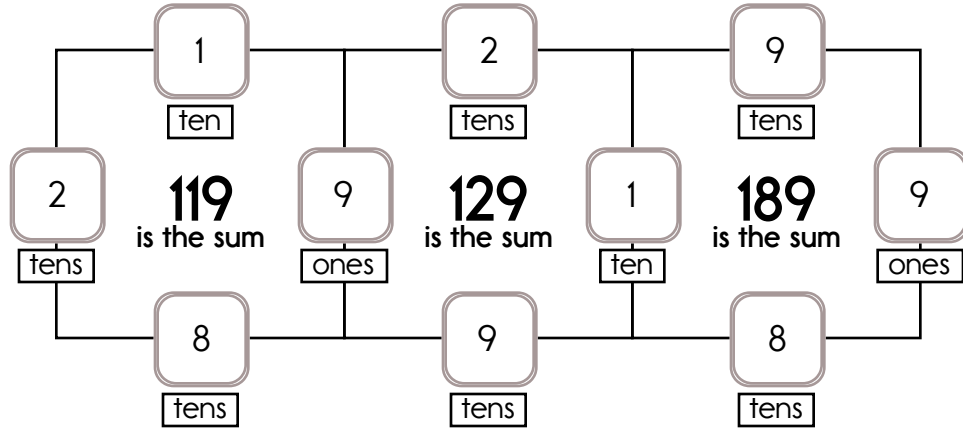
Example:

$$20 + 9 + 10 + 80 = 119$$

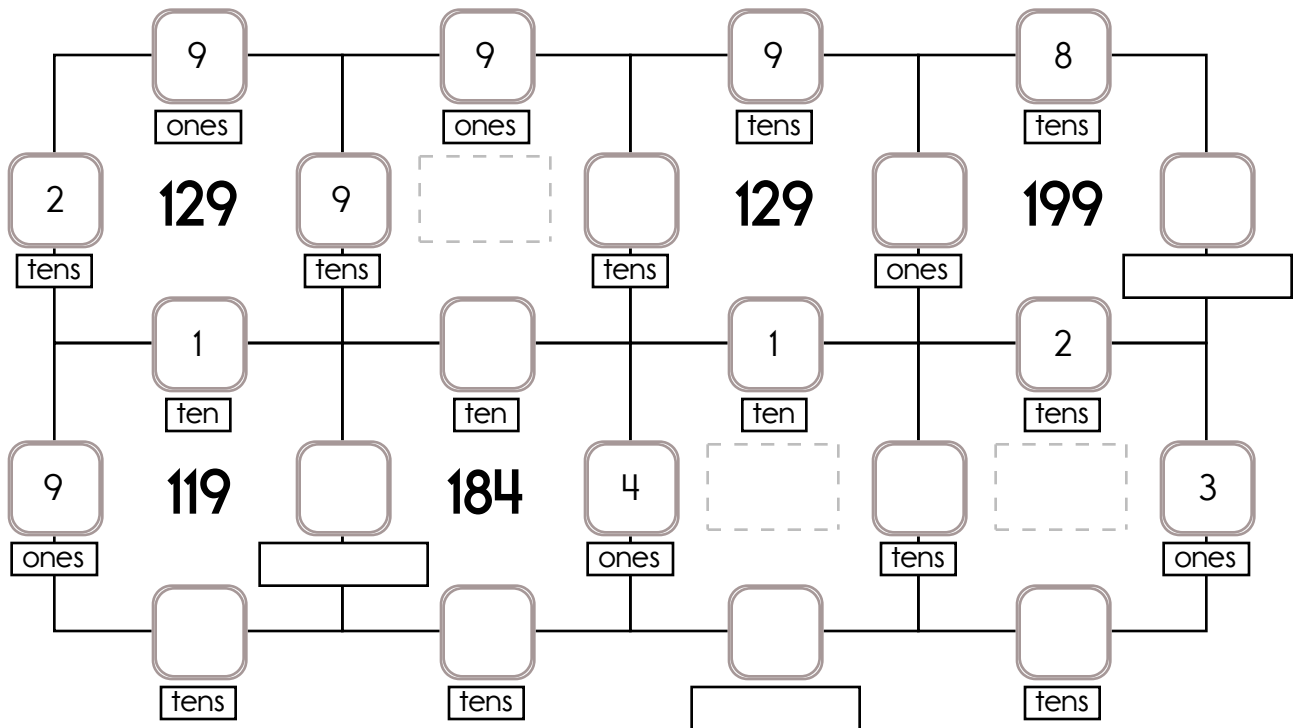
Example:

$$10 + 9 + 90 + 80 = 189$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 3 ones, 4 ones, or 9 ones. The other three numbers have to all be DIFFERENT and must be from these: 9 tens, 8 tens, 1 ten, or 2 tens.



Name: _____

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

A

<u>97</u>	10	<u>45</u>
+	50	98
	38	82
		<u>52</u>

Find an
addition fact.

B

75	72	3
+	32	59
	89	94
		11

Find an
addition fact.

C

75	94	37
+	19	78
	13	63
		23

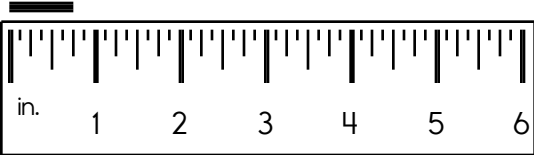
Find an
addition fact.

Equations:

Write the equation facts you found.

A	52	+	45	=	97
B		+		=	
C		+		=	

$\begin{array}{r} 47 \\ - 20 \\ \hline \end{array}$	<p>How many centimeters are in five hundred millimeters?</p> <p>_____</p>	<p>Write the number for nine thousand, seven hundred three.</p> <p>_____</p>
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$\begin{array}{r} 70 \\ - 13 \\ \hline \end{array}$	<p>The sum of two whole numbers is twenty-one. The difference between the two numbers is nine. What are these two numbers?</p> <p>_____</p>	<p>Write the length in inches.</p> <p>_____</p> 
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Circle the correctly spelled words.
scratch, scware, scweeze, squirm

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

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

Each row, column, and box must have 4 different pictures.

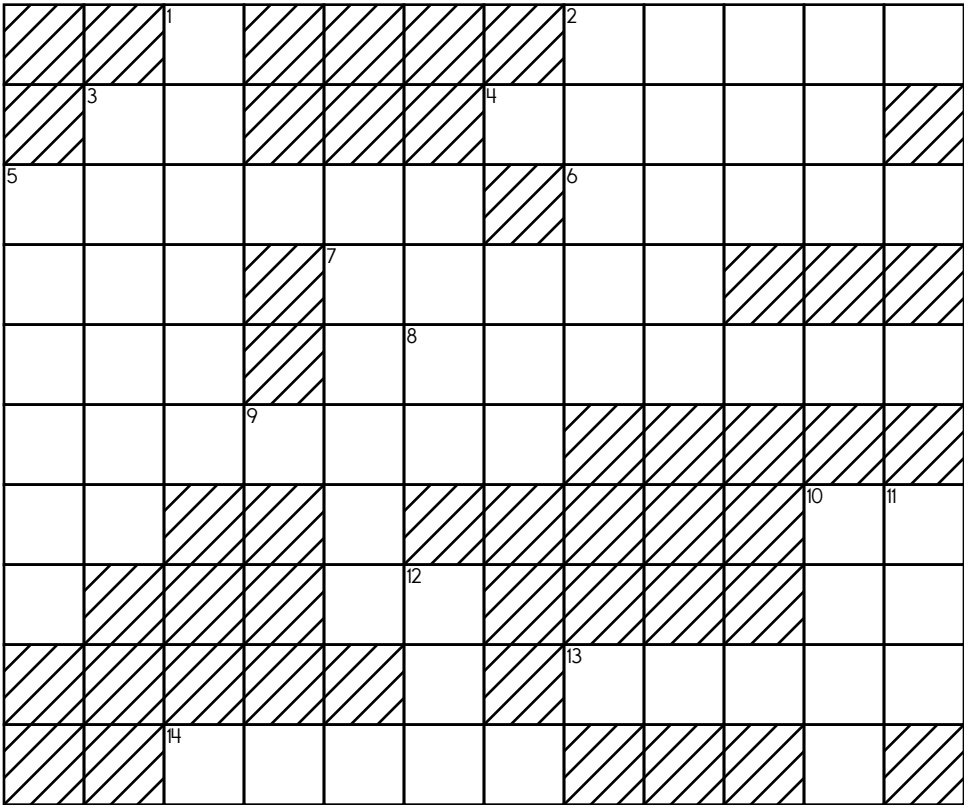
Name: _____

ACROSS

2. the tens in 1-Down + the ten thousands in 4-Across + the hundreds in 7-Down
4. the ones in 9-Across + the ten thousands in 14-Across + the tens in 3-Down
5. the ones in 13-Across + the ten thousands in 7-Across + the hundreds in 7-Down + the hundred thousands in 1-Down
6. the tens in 13-Across + the hundreds in 1-Down + the ten thousands in 14-Across
7. the ten thousands in 7-Down + the hundreds in 1-Down + the thousands in 5-Down
8. **one million, nine hundred eighteen thousand, nine hundred twenty**
9. six thousand, two hundred forty-two
13. the thousands in 7-Across + the ones in 3-Down + the tens in 1-Down + the ten thousands in 2-Across
14. ninety-nine thousand, seventy-one

DOWN

1. the ten thousands in 7-Down + the tens in 4-Across + the hundreds in 9-Across + the hundred thousands in 5-Down
3. three hundred seventy-three thousand, four hundred fifty-seven
5. the ten thousands in 4-Across + the hundred thousands in 3-Down + the thousands in 14-Across + the tens in 9-Across
7. the tens in 4-Across + the hundreds in 9-Across + the ten thousands in 3-Down
10. the ones in 13-Across + the hundreds in 5-Across + the tens in 12-Down + the thousands in 9-Across
11. the hundreds in 10-Down + the ones in 5-Across + the tens in 2-Across
12. the ones in 3-Down + the tens in 7-Down + the hundreds in 5-Across



Name: _____

A year on Mars lasts 687 days. Robot Pete lives on Mars. He is exactly 3 Mars years old. That means he was born 2,061 days ago, assuming a robot was born, which makes no sense. But who cares!

Robot Pete's older brother Jack was born 333 days before Pete. How many days old is Jack? Don't forget, to be older, Pete should be MORE days old than Jack! If your answer is less than 2,061 then think again.

Erin, Hannah, and Alex are the judges for the class yo-yo contest. They will each give a score from 0 to 10 for each performance. Max was the first to go. After the performance, Mrs. Hall added up the score. Wow! Max got the same score from all three judges for 18. What score did each judge give him?

Emily is at the toy store, and she brought her money to spend. She has 7 ten-dollar bills and 13 five-dollar bills. She wants to buy a toy that costs \$16.18 and a fidget spinner that is in the final sale section for only 86 cents. There is no tax at this store. Which bills should she take out of her wallet to have the fewest bills in her wallet after she gets change?

Name: _____

Find 2 equations hidden in each box. Good luck!

9 5

8 - 5 3 0

7 - 7

9 - 2 8 - 4

Write 2 equations: _____

1021 574

588 32 + 987 245 311 574

327 353

23 + 565 325 83 + 561

468 + 17 358

29 + 546 956 + 27

575 623

Write 2 equations: _____

81 5 x 8 9 x 2 8 x 8 20

1 x 8 30 5 x 0

9 x 4 9 x 9 7 x 9

48 5 5 x 7 1

7 0 4 49

72 8 x 7

Write 2 equations: _____

Name: _____

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

A

949677

+417428

851622

Find an
addition fact.

B

934197

+551631

32838

Find an
addition fact.

C

536030

+196643

18886

Find an
addition fact.

Equations:
 Write the equation facts you found.

A

22	+	74	=	96
----	---	----	---	----

B

	+		=	93
--	---	--	---	----

C

60	+		=	
----	---	--	---	--

How many tens are in the number 4,000?

Jessica has 20 nickels.
How much money is that?

There are 4 groups of 6 rocks. How many rocks?

Name the shape with six sides and six angles.

Is 653 closer to 600 or 700?

At 4 p.m. today, April will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

Name: _____

Guess what you have to do on the Name That Number app? You guessed it! You name the correct number. For 50 gold stars, here is the clue. The number rounded to the nearest 10 is 150. The ones digit is 3. Quick! If you can write the answer in 30 seconds, you get 15 bonus gold stars!

Complete.

$$59 + 59 + 59 - 59 + 59 - 59 + 59 = 59 \times \underline{\hspace{1cm}}$$

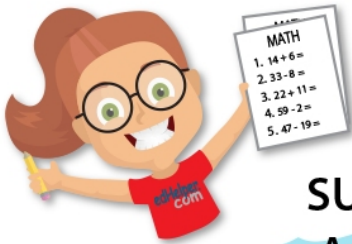
You get the area of a rectangle by multiplying its length by its width. If its width is 2 feet and height is 7 feet, then the area is 2 feet x 7 feet = 14 feet squared. Anne drew a square. She does not know how to calculate its area, but she calculated the perimeter to be 16 feet. "I just added all the sides together to get the perimeter. How do I get its area?" she asks.

How would you respond?

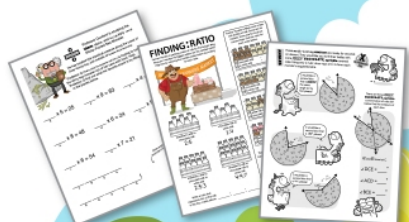
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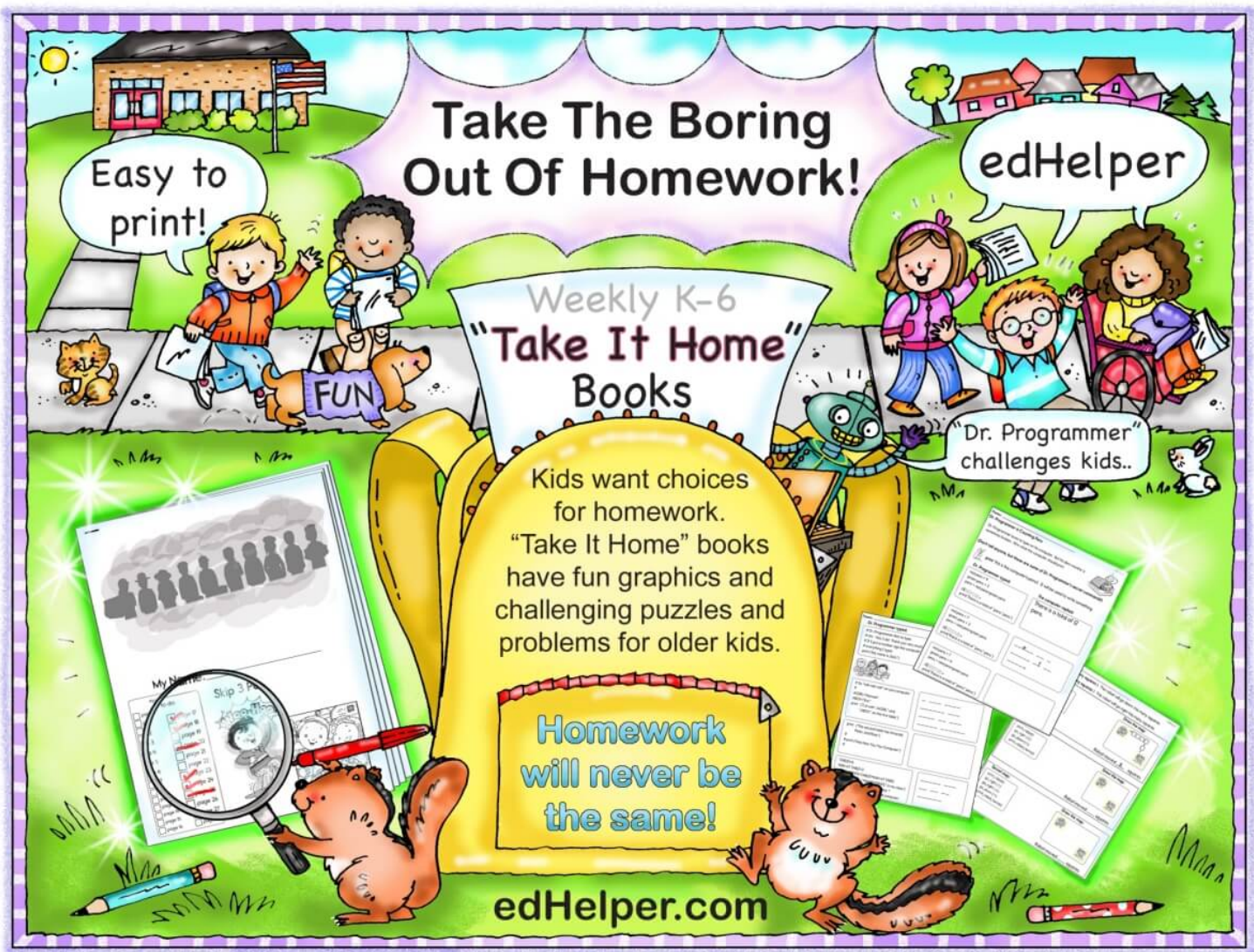


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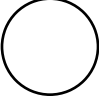
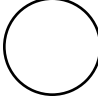
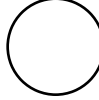
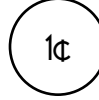




Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$32.56 using bills and coins.

		\$1	
			

Show a different way to make \$32.56 using a different number of bills or coins.

Make \$16.13 using bills and coins.

Show a different way to make \$16.13 using a different number of bills or coins.

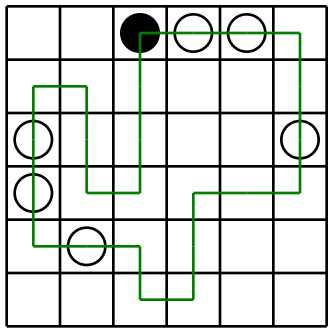
$\begin{array}{r} 50 \\ - 11 \\ \hline \end{array}$	The factors of 6 are 1 ____ 3 ____	Is 29 prime or composite? _____
---	--	------------------------------------

Name: _____

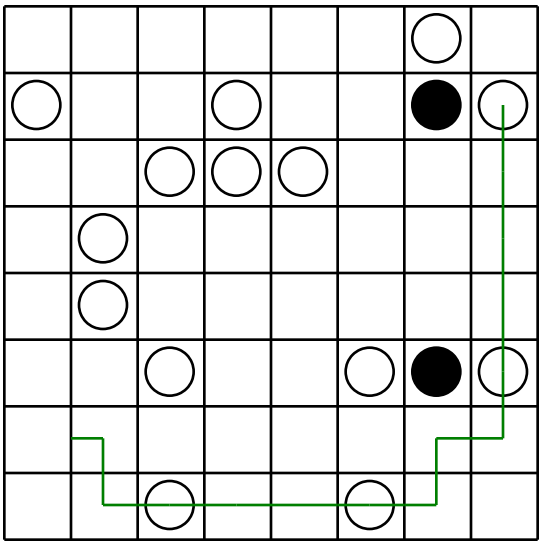
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn. You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The first puzzle shows a correct line going through all the circles.

Example:



Finish the line:



12 x 6 =

The number 52 is more than the number 6 by how much?

How much greater is 183 than 37?

Circle the four numbers whose sum equals 46.

4 12 7 16
8 6 11 13

What is 18 less than 999?

8, 5, 8, 8, 8, 5, 8, 8, 8,
8, 8, _____, 8, 8, 8, 8,
8, 8, 8, 5, 8, 8, 8, 8,
8, 8, 8, 8

Name: _____

I am the largest whole number that will round to 740 when you round to the nearest ten.

I am a 5-digit number greater than 80,000. My tens digit and ten-thousands digit are the same. Write any number that fits this.

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

8

7

5

Make a subtraction equation. The difference between your numbers should be 1.

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

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

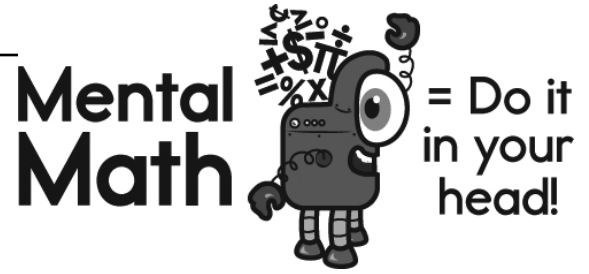
sum of 9 ↓			sum of 9 ↓	sum of 6 →			
	sum of 2 ↓	sum of 8 →			2		
		sum of 8 ↓			sum of 7 ↓		sum of 8 ↓
						sum of 5 ↓	
	sum of 8 ↓		sum of 8 ↓				
sum of 10 ↓			sum of 6 →		1		sum of 10 ↓
							6
	4		sum of 9 →				4

		sum of 8 ↓	sum of 8 ↓	sum of 8 →			
sum of 9 →				sum of 7 ↓			
	sum of 5 →				sum of 6 →		3
	sum of 10 →						
sum of 5 ↓						sum of 10 ↓	sum of 9 ↓
1			sum of 9 ↓				3
	sum of 4 →			2			3
	sum of 10 →			sum of 7 →	1		3

<p>Make a pattern. Start with 84. Subtract 11.</p> <p>_____, _____, _____, _____, _____, _____</p>		<p>What is the value of the BIG digit?</p> <p>627,312,419</p> <p>_____</p>	
<p>David has 18 card games. He puts the games into piles of 6. How many piles does he make?</p>	<p>How many 3s are in 6?</p> <p>_____</p>		<p><input type="radio"/> twinn</p> <p><input type="radio"/> twin</p> <p><input type="radio"/> twan</p> <p><input type="radio"/> twih</p>
	<p>$93 + 6 = \underline{\hspace{2cm}}$</p>		
	<p>$\begin{array}{r} 96 \\ - 30 \\ \hline \end{array}$</p>		

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?



imagine 7 in your head

double it

add 6

Add the tens digit to the ones digit.
Write the sum.

A

imagine 7 in your head

add 7

subtract 9

multiply 5

double it

Write the ones digit.

B

imagine 7 in your head

double it

subtract 6

subtract 4

add 8

subtract 9

Write the number.

C

imagine 5 in your head

add 3

multiply 4

subtract 7

double it

subtract 8

Write the ones digit.

D

What is the sum?

$A + B + C + D$

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ v _____ e _____ n _____

8 before 15 _____

9 after 11 _____

4 before 19 _____

5 before 17 _____

2 after 14 _____

2 before 13 _____

7 before 16 _____

1 after 19 _____

9 before 14 _____

Name: _____

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

A

27	89	64
81	33	83
38	31	84
73	21	98

Find a subtraction fact.

B

25	35	37
64	91	40
61	43	33
39	32	53

Find a subtraction fact.

C

21	8	75
31	62	7
64	74	58
18	79	77

Find a subtraction fact.

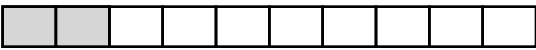
Equations:
Write the equation facts you found.

A	64	-	33	=	31
B		-		=	25
C		-	21	=	

What is the range of these numbers?

23, 27, 27, 18, 22, 23


Write the shaded part as a decimal.



$$\begin{array}{r} 10 \\ 31 \\ + 20 \\ \hline \end{array}$$

Write the correct symbol.

< = >

15,276  115,276

How many gallons are equal to 72 pints?

word root **di** can mean **day** **diary**

Name: _____

Draw a line from START to END.

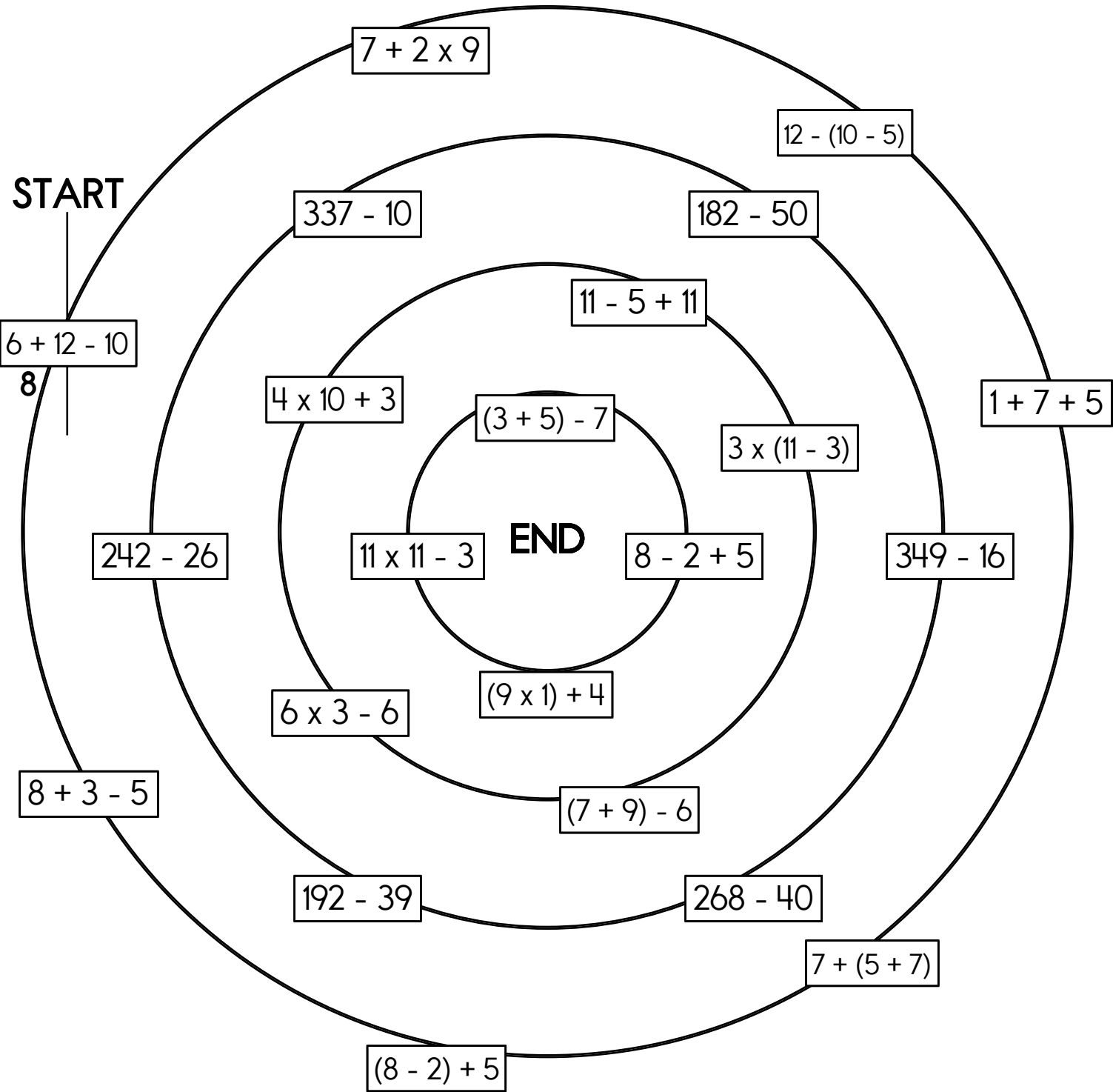
43

118

228

~~8~~

Cross out the number you use above and then write it below.



Name: _____

Dr. Programmer knows how to program with his computer. He uses the STAR key, which is *. On a computer you have to press Shift and 8 at the same time to type that. How confusing!

5 times 2 is written $5 * 2$ on his computer.



Dr. Programmer typed:

The computer replied:

print (10 * 10)

100

print (9 * 6)

__

print (3 + 9)

__

print (7 * 7)

__

print (21 + 39)

__

print (88 - 74)

__

print (5 * 11)

__

Add the correct end punctuation for this sentence.

Are you afraid of the dark

$11 \times 12 =$

Name: _____

Mr. King owns a storage building. There were 250 umbrellas and 162 raincoats in his storage building. He sent 170 umbrellas to department stores. He also sent 109 raincoats to the stores. How many umbrellas does he have left?

The third grade students at Jensen Elementary School ate 129 hamburgers yesterday. The fourth grade students ate 161 hamburgers. How many more hamburgers did the fourth grade students eat than the third grade students?

Ava is making cards for Friendship Day. She is putting 2.4 inches of blue ribbon, 3.4 inches of yellow ribbon, and 1.8 inches of green ribbon on each card. How many inches of ribbon in all will she use on each card?

Anne made 6 cups of popcorn. She gave a third of the popcorn to her mother and father. She and her little sister shared the rest of the popcorn. How much popcorn did she give to her mother and father?

Each student in Mr. Moore's class read 2 articles about children in other countries. There are 22 students in the class. How many articles did the students read?

There was a bike race during Be Kind to Humankind Week. The race was 5 kilometers long. Alex won the race. Jack's bike lost a wheel. He had to drop out 1.8 kilometers from the finish line. How far had he ridden?

Name: _____

Emily took a picture of her father's office building. He worked in a 50-story skyscraper. When she got the picture, she saw that she had only taken a picture of the highest 20 stories. Write a fraction for the part of the building that was in the picture.

The students in Mr. Martinez's class are building rafts. They will ride their rafts on the river. The river raft race is one of the Freedom Week events. There are 26 students in the class. Two students can ride on each raft. How many rafts will they need?

Each sled team has 16 dogs. An adult husky weighs about 53 pounds. A complete sled team weighs about how many pounds?

Peter has seven bags of 18 pieces of red candy and one bag of green candy. He has 177 pieces of candy in all. How many pieces of green candy does he have?

Mr. Clark made 98 cups of chocolate milk for the party. Each person at the party drank 3 cups of milk. There were 8 cups left over. How many people were at the party?

What number is halfway between 47 and 55?

You need to add what to 55 to get 63?

This number is one ten less than 7,694.

Name: _____

<p>$92 - 89 = \underline{\hspace{2cm}}$</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 2,310 \\ - 1,278 \\ \hline \square \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 8,959 \\ - 1,161 \\ \hline \square \end{array}$ </div> </div> <p style="margin-top: 20px;">$3 + 2 + 8 = \underline{\hspace{2cm}}$</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> $\begin{array}{r} 41 \\ - 39 \\ \hline \square \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 39 \\ + \square \\ \hline 41 \end{array}$ </div> </div> <p style="margin-top: 20px;">$69 + 9 = \underline{\hspace{2cm}}$</p>	<p>$454 + 250 = \underline{\hspace{2cm}}$</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 16 \\ + 11 \\ \hline \square \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} \square \\ - 16 \\ \hline 11 \end{array}$ </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 18 \\ + 19 \\ \hline \end{array}$ </div> </div> <p style="margin-top: 20px;">$12 + 53 = \underline{\hspace{2cm}}$</p>
---	---

Fill in the missing numbers to complete the addition square.

<p>Hint - Use these numbers: 35, 42, 52, 64, 66, 70, 76, and 98</p> <div style="display: flex; align-items: center; justify-content: flex-end; margin-bottom: 10px;"> <div style="margin-right: 20px;">160</div> <div style="border: 1px solid black; padding: 5px;">36</div> </div> <table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 33%; height: 50px;"></td><td style="width: 33%; height: 50px;"></td><td style="width: 33%; height: 50px;"></td></tr> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 147186206163 </div>										<p>Hint - Use these numbers: 18, 20, 28, 35, 43, 52, and 54</p> <div style="display: flex; align-items: center; justify-content: flex-end; margin-bottom: 10px;"> <div style="margin-right: 20px;">94</div> <div style="border: 1px solid black; padding: 5px;">41</div> <div style="margin-left: 20px; border: 1px solid black; padding: 5px;">14</div> </div> <table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 33%; height: 50px;"></td><td style="width: 33%; height: 50px;"></td><td style="width: 33%; height: 50px;"></td></tr> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 6614792113 </div>									

$12 + \square = 16$

$15 + \square = 18$

$4 + \square = 6$

$4 + \square = 15$

Name: _____

$73 - 54 = \underline{\hspace{2cm}}$

Circle each equal to 12.

- | | | |
|---------|----------|----------|
| $7 + 5$ | $4 + 8$ | $5 + 5$ |
| $6 + 6$ | $16 + 7$ | $4 + 18$ |
| $4 + 4$ | $5 + 18$ | $5 + 7$ |

$19 - 8 = \underline{\hspace{2cm}}$

$40 \div 10 = \underline{\hspace{2cm}}$

$441 - 322 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 7,195 \\ + 3,714 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8,555 \\ + 1,611 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 6 \\ \hline \end{array}$$

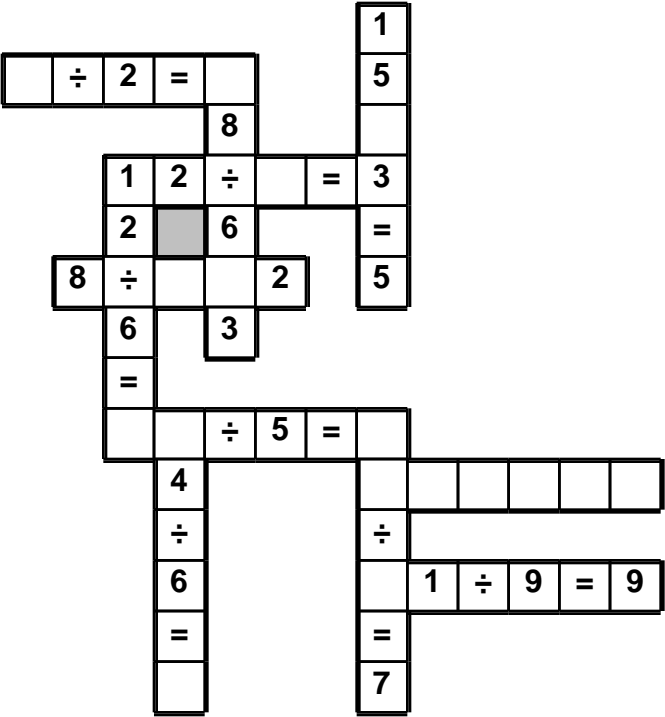
$$\begin{array}{r} 99,625 \\ - 56,105 \\ \hline \end{array}$$

$$\begin{array}{r} 62,183 \\ - 31,587 \\ \hline \end{array}$$

$6,905 - 3,178 = \underline{\hspace{2cm}}$

$2 \cdot 1 \cdot \div \cdot 4 \cdot 4 \cdot = \cdot 2 \cdot 5 \cdot 5 \cdot 6 \cdot 4 \cdot \div \cdot 8 \cdot = \cdot 8 \cdot 8 \cdot 9$

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



Name: _____

Write the final part of each math analogy.

six mittens : 3 :: four socks :

Explain why you think your answer is correct.

DKKDKKDKKDKKDK_____ : K :: BBFBBFBBFBBFBB_____ :

Explain why you think your answer is correct.

DKBDKBDKB : DKB :: QJGQJGQJG :

Explain why you think your answer is correct.

seven dimes and three pennies : \$0.73 :: three dimes and nine pennies :

Explain why you think your answer is correct.

Name: _____

Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

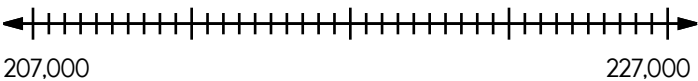
Here is an example of a sudoku sum of 8:

5	3
---	---

			4	2	3
			6		1
		4		5	
5					
	6		1		

$$\begin{array}{r} 76 \\ + 49 \\ \hline \end{array}$$

Locate where to put the number 212,000 and label the point M.



Round to the nearest hundred.

27,645 is rounded to _____

12,546 is rounded to _____

6,593 is rounded to _____

Fill in the missing fraction.

$\frac{3}{7}$, _____ , $\frac{5}{7}$, $\frac{6}{7}$

Choose the word that best completes the sentence.

I was sick last week, but now I'm just a little (hoarse/horse).

word root **duct** can mean **lead** **abduction, deduct, deduction**



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

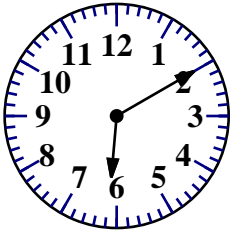
My ending time: _____ : _____ and _____ seconds.

Sara has 32 books. She organized them equally into 4 boxes. How many books in each box?

triple 20 =

Is 43 a composite or a prime number?

Draw a small clock that shows 10 minutes past 6:00.



$$8 \times \underline{\quad} = \underline{\quad} = 2 \times 24$$

$$3 \times 12 = \underline{\quad} = 2 \times \underline{\quad}$$

$$6 \times \underline{\quad} = 36 = \underline{\quad} \times 18$$

$$4 \times \underline{\quad} = \underline{\quad} = 10 \times 2$$

$$8 \times \underline{\quad} = 80 = \underline{\quad} \times 16$$

How many total legs are on 14 ants?

$$12 + 8 + 11$$

32, 46, 60, _____, 88,
102

$$13 + \underline{\quad} + 28 = 53$$

Write the least possible 5-digit number using only 4 different numbers.

$$24 \div \underline{\quad} = 8$$

Amanda has \$54. She wants to buy something that costs \$97. How much more does she need?



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

You have a playdate in 240 minutes. How many hours is that?

Find the product of 8 and 5.

7, 9, _____, 13, 15, 17,
19, 21

$$4 \times \underline{\quad} = 44 = \underline{\quad} \times 2$$

$$9 \times \underline{\quad} = 18 = \underline{\quad} \times 6$$

$$6 \times \underline{\quad} = 18 = \underline{\quad} \times 2$$

$$9 \times \underline{\quad} = 108 = \underline{\quad} \times 27$$

$$6 \times \underline{\quad} = 42 = \underline{\quad} \times 14$$

In the equation $20 \times 426 = 8,520$, which number is the product?

Double the number 8 three times.

$$30 \div 5 =$$

$$4 + 6 + 3$$

Emma bought six candy bars. It cost \$3. How much did each candy bar cost?

Max bought 4 dozen cupcakes for a party. How many cupcakes did he buy?

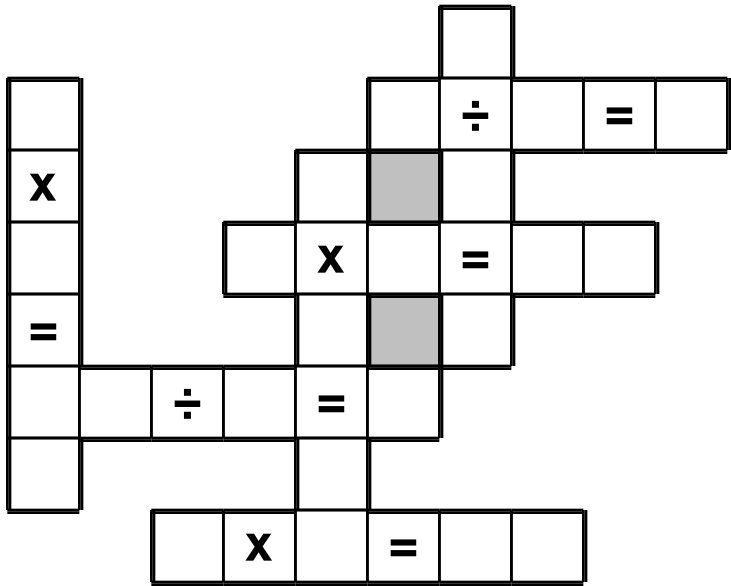
11, 20, 31, 44, 59,
_____, 95, 116, 139, 164

Write the first 9 multiples of 4.

Name: _____

4 • 3 • 0 • 2 • 0 • 7 • 1 • 6 • 6 • 8 • 4 • 8 • 7 • 4 • 1 • 8 • 6
3 • 8 • 4 • 7 • 9 • 6 • 3

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



Complete the list of multiples.

4, 8, ____, 16, ____, 24,
____, 32, ____, ____

$$___ + 5 = 11$$

What is the missing number?

$$x + 9 = 17$$

What is the value of x?

$$7 - ___ = 2$$

What is the missing number?

$$9 - x = 1$$

What is the value of x?

Add the correct end punctuation for this sentence.

Are you afraid of the dark

Name: _____

Paul went into town and bought a pair of overalls for \$301.90. He bought a shirt for \$95.18. He bought socks for \$31.49. He also bought a pair of boots. He spent \$564.17. How much did his boots cost?

Our club marched in the Canada Day parade. We marched in 8 rows. Each row had 5 children in it. How many children from our club marched?

Connect coin groups to make 75 cents. How many groups can you make?

5 nickels

5 dimes

5 pennies

55 pennies

3 dimes

3 nickels

20 pennies

5 pennies

2 dimes

Robot AQD said, "I have YYYYYYYY robot cats."

Robot EFG said, "I have YY robot cats."

Robot cat said, "Each Y stands for five cats. We have lots of cats!"

How many cats does Robot AQD have? How many cats does Robot EFG have?

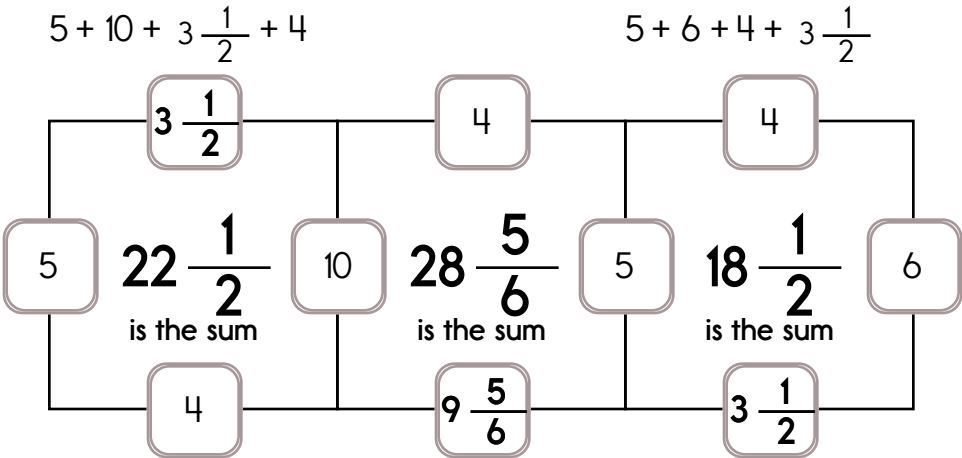
word root **sub** can mean **under or below**

submarine

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

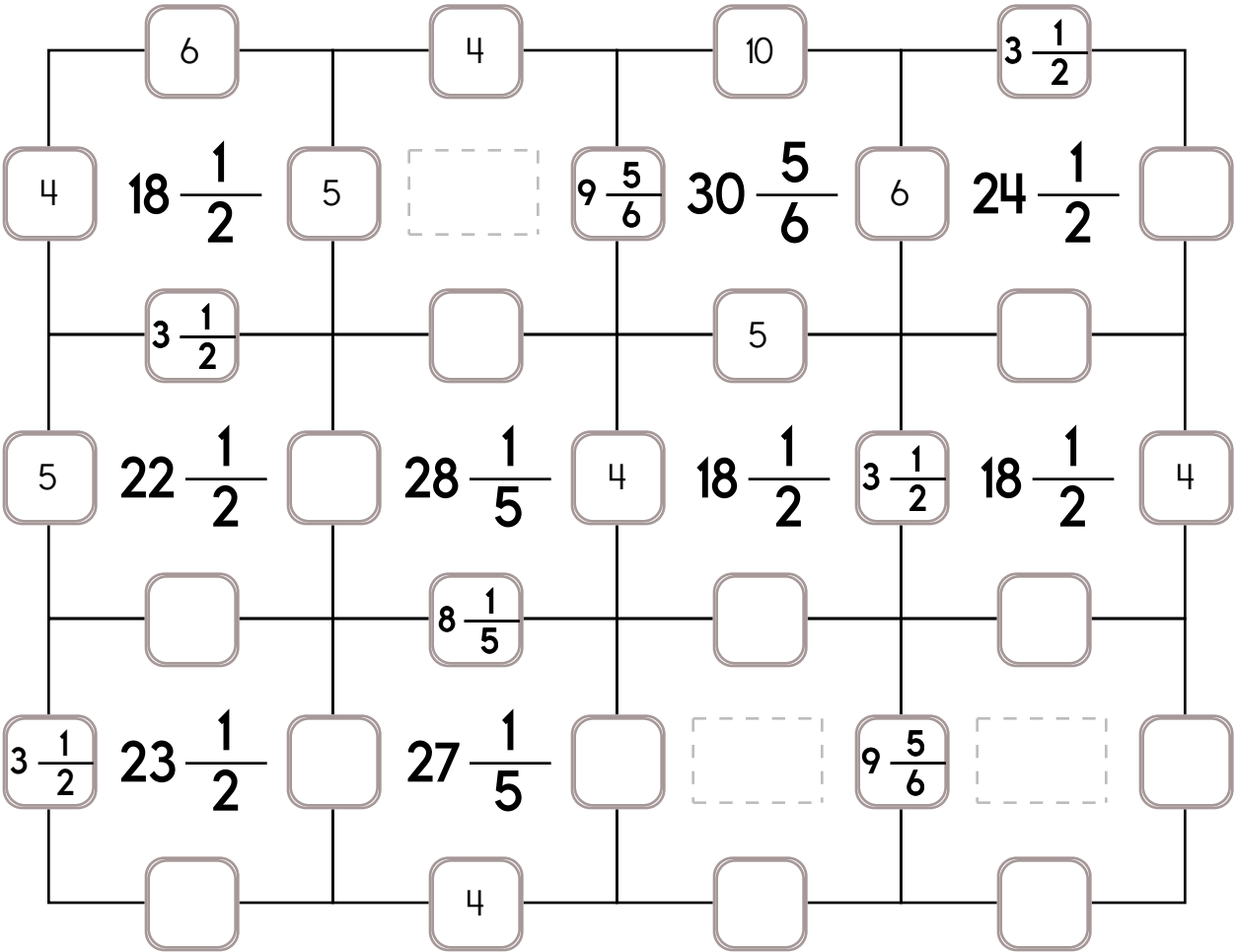
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $8\frac{1}{5}$, $9\frac{5}{6}$, or $3\frac{1}{2}$.

The other three numbers have to all be DIFFERENT and must be from these: 10, 6, 4, or 5.



Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $2\frac{3}{5}$, $5\frac{1}{2}$, or $1\frac{7}{9}$.

The other three numbers have to all be DIFFERENT and must be from these: 11, 10, 2, or 12.

	10		$5\frac{1}{2}$		$1\frac{7}{9}$		10	
$2\frac{3}{5}$	$35\frac{3}{5}$	12	$30\frac{1}{2}$	11	$26\frac{7}{9}$			$2\frac{3}{5}$
	11				2			
	$34\frac{7}{9}$	$1\frac{7}{9}$	$25\frac{7}{9}$	10	$28\frac{1}{2}$		$24\frac{7}{9}$	
					$5\frac{1}{2}$		$1\frac{7}{9}$	
$2\frac{3}{5}$	$26\frac{3}{5}$		$25\frac{7}{9}$		$28\frac{1}{2}$		$25\frac{7}{9}$	
			$1\frac{7}{9}$					
	$28\frac{1}{2}$		$24\frac{7}{9}$		$27\frac{3}{5}$	$2\frac{3}{5}$	$27\frac{3}{5}$	
	$5\frac{1}{2}$							
	$30\frac{1}{2}$		$26\frac{3}{5}$					$1\frac{7}{9}$
			$2\frac{3}{5}$		$5\frac{1}{2}$			

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

58, _____, _____, 76, 82, 88, 94, 100, 106

59, _____, _____, _____, 83, 89

30, 36, _____, _____, 54, 60, 66, _____, _____

Complete each pattern. Write what the rule is.

35, 42, _____, _____, 69, 82, 95,

111, 127, 146, 165, 187, 209, 234

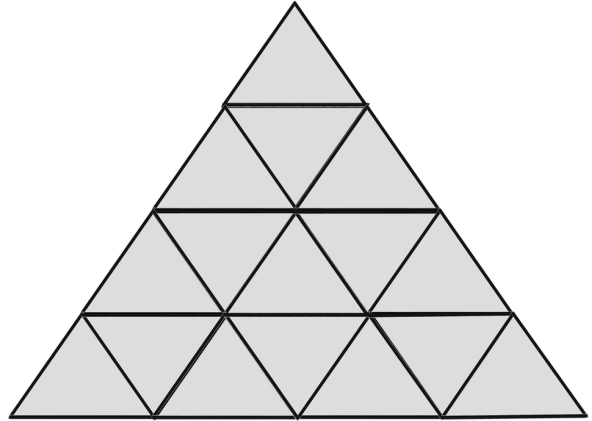
10, 17, _____, _____, 44, 57, 70, 86,

102, _____, _____, 162, 184, 209, 234, 262

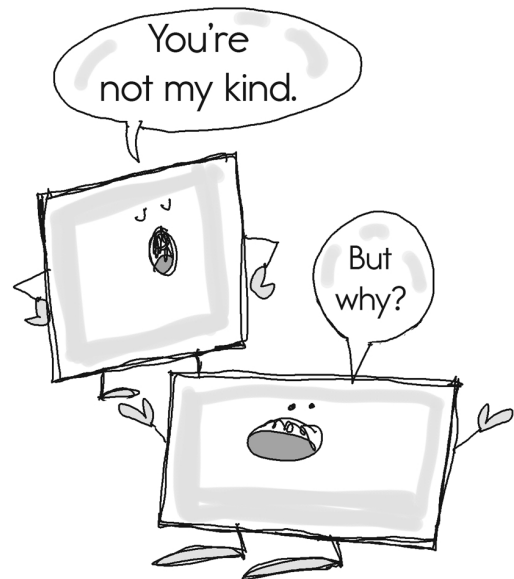
Name: _____

How many triangles are here (following the lines)? _____

Draw them here.



Why are all rectangles
not squares? _____



Why isn't a circle a
polygon? _____

How many vertices does
a figure need to be
considered a polygon?

Name: _____

The second grade class has a band. There are 12 students in the band. Half of them play kazoos and one-sixth of them play combs! How many students play kazoos?

The thrift shop manager said that only $\frac{17}{100}$ of the people that come into the shop don't buy anything. Write that fraction as a decimal.

Kevin made a poster about bullies. He spent \$1.23 for the poster paper. The markers cost \$1.35. The glue was \$0.73. How much did Kevin spend in all?

Add one hundred to 856.

$$5 \overline{)30}$$

$$8 \overline{)24}$$

$$6 \overline{)18}$$

$$4 \overline{)36}$$

$$2 \overline{)14}$$

$$9 \overline{)72}$$

List the first five multiples of 7.

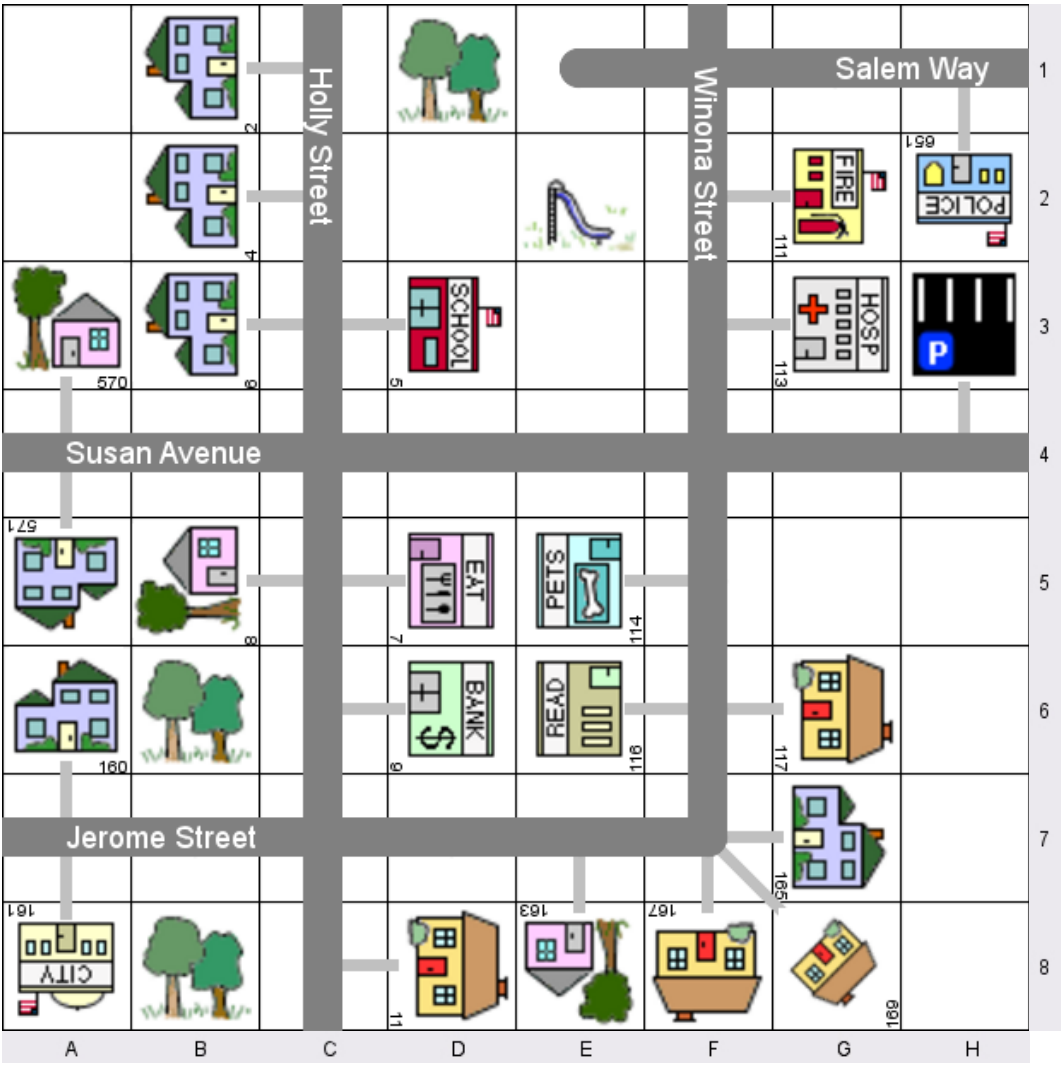
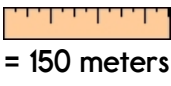
If $\square = 7$, then $\square + 2 =$ _____

Write a word problem for $3 \times 3 = 9$.

word root **im** can mean **not or into**

immobile, immobility, immovable

Name: _____



Circle the one at E,8.



Circle the one at B,6.



167 Jerome Street



is at _____.

8 Holly Street



is at _____.

7 Holly Street



is at _____.

113 Winona Street



is at _____.

161 Jerome Street



is at _____.

114 Winona Street



is at _____.

Name: _____

Circle the building that is located on Salem Way.





Which street has a restaurant?



Which street has a bank?



Holly Street is _____
of Winona Street.

Salem Way is _____
of Jerome Street.

Go _____ to drive from the
house at 163 Jerome Street  to the
house at 165 Jerome Street .

[Hint: Use north, south, west, or east.]

Write the total distance to go from the
house at 167 Jerome Street  to the
police station at 651 Salem Way .

Write the total distance to go from the
house at 571 Susan Avenue  to the
house at 570 Susan Avenue .

Write directions to get from the school at 5 Holly Street to the house at 8 Holly Street.

Write directions to get from the house at 570 Susan Avenue to the house at 571 Susan Avenue.

Name: _____

$$\frac{6}{2} =$$

Find the product of 5 and 7.

$$8 \overline{) 56}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline \end{array}$$

$$63 \div 7 =$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$9 \overline{) 81}$$

$$7 \overline{) 49}$$

$$9 \overline{) 72}$$

$$8 \overline{) 64}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

Multiply 12 and 11.

Write as a decimal.

$$\frac{4}{100}$$

Write the decimal in words.
0.015Write as a decimal.
Twenty-three hundredths

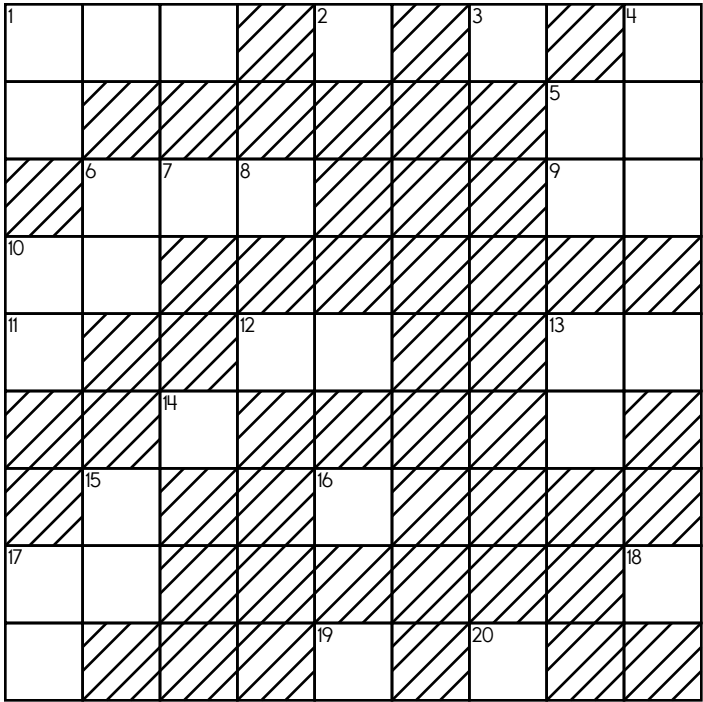
Name: _____

ACROSS

DOWN

1. What is the lowest common multiple of 14-Down and 13-Down?
2. What is the greatest common factor of 32 and 66?
5. What is the lowest common multiple of 12-Across and 8-Down?
7. 13-Across plus 13-Down
9. What is the lowest common multiple of 2-Across and 1-Down?
10. What is the greatest common factor of 7-Across and 6-Down?
12. The factors of 60 are 1, 2, 3, 4, 5, 6, __, 12, 15, 20, 30, 60.
13. **17**
16. What is the greatest common factor of 16 and 68?
18. 9
19. How many factors does 6 have?

1. Two less than 13-Across
3. What is the lowest common multiple of 16-Across and 19-Across?
4. Seven tens more than 9-Across
6. Nine times 2-Across
8. 6
9. What is the greatest common factor of 18-Across and 8-Down?
11. What is the lowest common multiple of 18-Across and 9-Down?
13. 19
14. How many factors does 30 have?
15. Eight more than 1-Down
16. How many factors does 22 have?
17. What is the greatest common factor of 9-Across and 12-Across?
20. How many factors does 8 have?



Name: _____

☒ $6 \times 4 = 24$

☐ $5 \times 9 =$

☐ $4 \times 8 =$

☐ $7 \times 10 =$

☐ $9 \times 10 =$

☐ $4 \times 10 =$

☐ $4 \times 7 =$

☐ $2 \times 4 =$

☐ $12 \times 8 =$

☐ $7 \times 2 =$

☐ $6 \times 11 =$

40	8	2	10	32	4	66	9	1	11	10	32	6	4	15	7
12	8	96	8	11	11	13	89	40	13	66	12	16	8	10	2
2	13	4	96	6	2	5	10	3	15	17	33	11	8	14	14
66	45	26	8	23	11	4	17	90	40	13	14	11	70	1	10
91	17	11	3	11	4	24	10	90	17	11	71	10	28	20	7
12	10	11	10	2	32	9	8	39	9	2	7	23	11	22	7
13	15	10	7	28	4	12	13	69	4	10	14	7	5	24	96
24	4	2	8	23	8	8	70	6	13	13	1	4	3	5	8
20	6 x 4 = 24	33	22	7	14	6	39	6	28	21	16	26	16		
44	6	26	3	9	2	10	4	97	45	13	23	45	90	97	89
9	4	2	7	7	20	16	67	24	9	7	2	3	2	7	5
7	7	16	25	4	71	28	26	11	5	8	9	11	67	69	2
23	10	4	11	11	1	7	7	10	4	9	10	44	12	9	7
7	7	70	23	15	14	4	5	5	3	9	17	15	22	9	91



Write operation.

Write = sign.

Circle.

☒ $6 \times 11 = 66$

☐ $11 \times 7 =$

☐ $5 \times 11 =$

☐ $11 \times 2 =$

☐ $12 \times 11 =$

☐ $2 \times 9 =$

☐ $8 \times 12 =$

☐ $7 \times 3 =$

☐ $8 \times 5 =$

☐ $8 \times 2 =$

☐ $6 \times 7 =$

4	11	7	78	132	20	18	5	17	8	12	8	20	10	7	26
12	7	11	6	7	15	41	95	7	12	39	132	41	78	20	10
12	77	7	2	23	11	22	76	9	55	5	5	8	77	20	11
39	8	6	41	2	96	20	14	42	10	8	5	40	8	11	6
7	12	21	9	11	78	41	67	9	17	25	4	7	2	2	5
3	96	18	11	8	6	11	7	11	18	9	3	1	16	12	6
20	11	66	16	4	6	5	23	67	13	11	2	2	76	25	16
133	13	20	15	22	7	3	21	40	132	9	9	9	19	3	11
77	2	11	10	8	17	3	4	9	11	8	11	42	18	131	14
11	6 x 11 = 66	55	6	9	12	20	12	8	7	12	16	18	17		
21	10	27	12	11	11	131	11	15	6	6	5	12	11	133	16
5	14	55	10	5	2	10	11	2	22	41	9	17	4	42	15
18	16	8	6	20	1	5	29	16	11	2	23	6	41	18	96

Name: _____

Rose is playing a game with you. You need to guess her number. Cross off the numbers that do not fit the clues. She left you these clues:

The number is odd.

The tens digit is not 7, 6, or 5.

The number is divisible by 3.

The number is divisible by 5.

40	72	65	56	64
24	75	47	86	91
45	34	51	66	42

What is Rose's number? _____

Write as a decimal.
Twenty-four thousandths

Write as a decimal.
Two and three tenths

Write as a decimal.

$$18 \frac{9}{10}$$

Find the product of 9 and 4.

$$12 + 4 + 11$$

There are 4 groups of 6 rocks. How many rocks?

At 1 p.m. today, Amy will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

How much greater is 185 than 43?

What number is halfway between 56 and 62?

Name: _____

It was a sunny day in Ville Platte. Not a cloud was in sight. In fact, Ville Platte had exactly 7 hours of sun for the day.

Platteville had sunrise at 5:29 a.m. and sunset at 9:15 p.m. and also had a completely sunny day. Amazing!

How much total sun in hours and minutes did Platteville get?

Which city had more sun for the day?

Two prime numbers are each greater than 1 and less than 21. When these two prime numbers are added together, they have a sum of 19.

What are the two prime numbers?

Use the following rule to complete the conversion: 1 gallon = 4 quarts.

_____ gallons + _____ gallons = 40 quarts

2 _____ + 2 _____ = 16 _____

3 gallons + 3 gallons = _____

Name: _____

Robot AQD said, "I have YYYYYYYY robot cats."

Robot EFG said, "I have YYY robot cats."

Robot cat said, "Each Y stands for two cats. We have lots of cats!"

How many cats does Robot AQD have? How many cats does Robot EFG have?

Ava drew a square with an area of 36 square centimeters. Peter drew a square with an area of 225 square centimeters. How much bigger is the perimeter of the square that Peter drew than the perimeter of the square that Ava drew?

Name: _____

		+		+		=	
	B		A		A		15
+							
	A		C		A		13
=							
		?	10		6		

Equations and Hints:

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

$B + A + A = 15$ $\underline{\hspace{1cm}} + C = 10$ $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = 13$
 $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = 6$

Additional hints:

$C = A + 4$ B is the largest. $C < 14$

Show Work:

Solve:

$? = \underline{\hspace{1cm}}$

Name: _____

Use any of these digits. Cross off a digit after you use it.

5 9 1 8 0 1 1 6

Make the largest number that you can that is greater than 5,608 but is less than 6,151.

Use any of these digits. Cross off a digit after you use it.

4 1 3 1 9 7

What is the smallest 4-digit even number that you can make?

$40 \div \underline{\quad} = 8$

15, 20, 25, 30, 35,
_____, 45

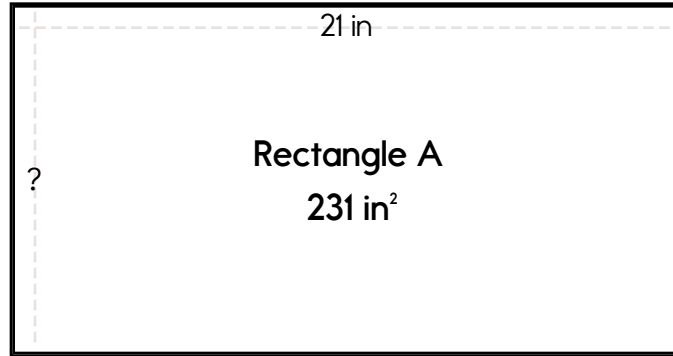
$12 \times 8 =$

Name: _____

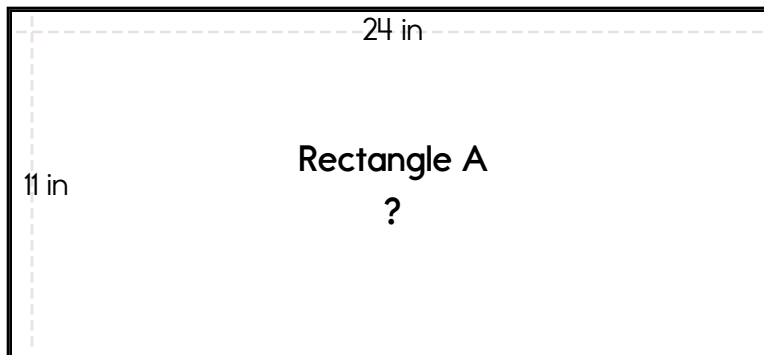
It's easy to figure out the area of a rectangle. You just multiply its width by its height.
Try to find the missing number using that equation.

Hint: For these puzzles you will NEVER need to work with decimals or fractions.
If you get a fraction, try something else!

One of the lengths is missing.



? = _____



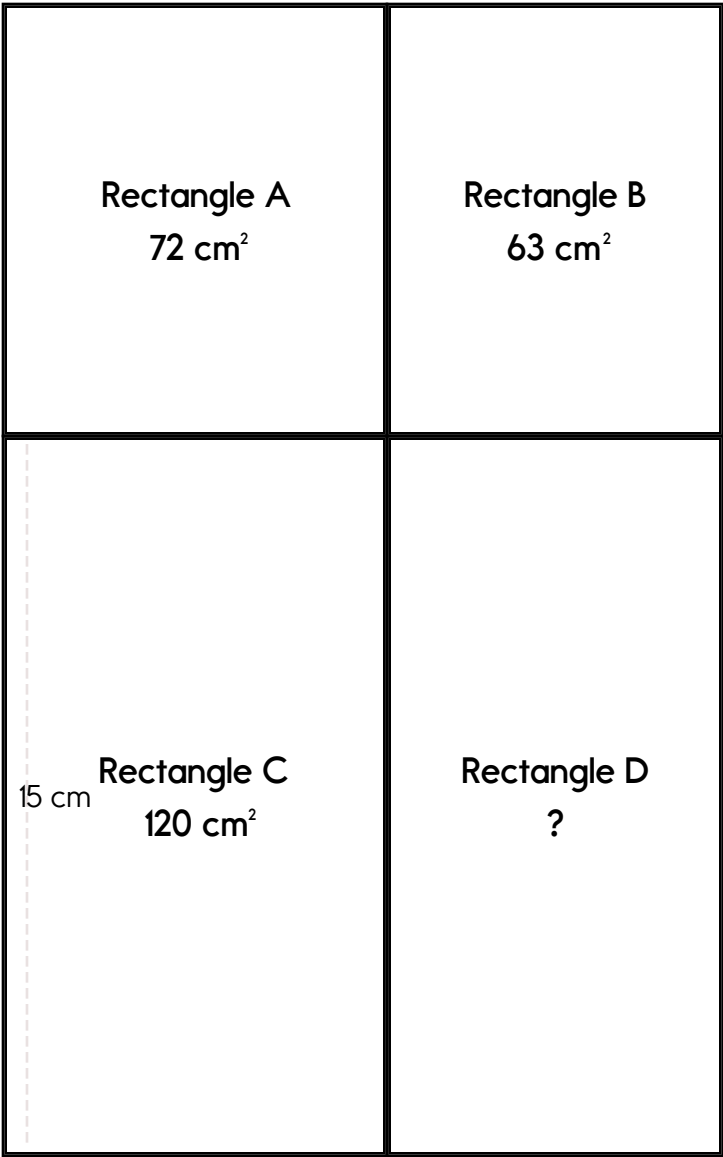
? = _____

How many hundreds are in the number 1,800?

Anne bought six candy bars. It cost \$3.06. How much did each candy bar cost?

$12 - 5 + 8$

Name: _____



? = _____

70 - 10 = _____

Round the number to the place value of the BIG number.

57**4**,898

Name: _____

A diagram includes twelve hexagons, five circles, four heptagons, four squares, and eight line segments. How many polygons are in the diagram?

- A) 12
- B) 4
- C) 20

What number should replace the _____ in both of the following sentences?

$$27 - \underline{\hspace{2cm}} = 23$$

$$12 + \underline{\hspace{2cm}} = 16$$

- A) 5
- B) 2
- C) 4
- D) 7

$$2400 \div 4 =$$

- A) 636
- B) 604
- C) 600
- D) 2880

If you wanted to estimate the sum of 65 and 17, what would your answer be (round by tens)?

- A) 90
- B) 89
- C) 80
- D) 91

Albert's bedroom is exactly 13 feet by 19 feet. If Albert wants to put a carpet on the floor, how much carpeting is needed?

- A) 32 square feet
- B) 247 square feet
- C) 824 square feet
- D) 459 square feet

Which of the following has the smallest value?

- A) 0.17
- B) 0.077
- C) A and B are equal.

2 x 10 = 20 x = 20 x = 20 x = 20

A large grid of graph paper, consisting of 20 columns and 10 rows of squares. In the top-left corner, there is a small rectangular box containing the text "2 x 10".

_____ x _____ = 16 _____ x _____ = 16

A large grid of 20 columns and 15 rows of squares, intended for drawing a picture.

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.
 Every row must contain the numbers 1, 2, 3, and 4.
 Every column must contain the numbers 1, 2, 3, and 4.
 In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

4	5+ 2	1234	1
8+ 1	1234	2	9+ 1234
1234	6+ 1234	4	1234
2	1234	5+ 1	1234

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

2 + ____ = 5

1 + ____ + ____ = 8

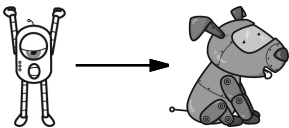
____ + 2 + ____ = 6

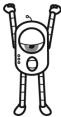

____ + ____ + 4 = 9

1 + ____ = 5

Name: _____

Help Robot find Rover. You can only move to a box that has a missing digit of 2.
Draw a line to show your path.



	$92 + 86 =$	$53 + 76 =$	$21 + 93 =$	$29 + 49 =$	$15 + 28 =$	$93 + 25 =$	$29 + 66 =$
$21 + 61 =$	$77 + 87 =$	$98 + 88 =$	$35 + 34 =$	$48 + 46 =$	$29 + 52 =$	$13 + 72 =$	$51 + 61 =$
$54 + 20 =$	$14 + 25 =$	$17 + 99 =$	$86 + 70 =$	$33 + 96 =$	$86 + 34 =$	$11 + 52 =$	$82 + 97 =$
$53 + 32 =$	$72 + 58 =$	$74 + 40 =$	$72 + 96 =$	$20 + 86 =$	$98 + 14 =$	$84 + 24 =$	$78 + 88 =$
$92 + 21 =$	$52 + 74 =$	$48 + 28 =$	$16 + 42 =$	$11 + 51 =$	$20 + 38 =$	$28 + 13 =$	$87 + 19 =$
$72 + 40 =$	$28 + 31 =$	$88 + 31 =$	$94 + 76 =$	$29 + 28 =$	$64 + 68 =$	$29 + 38 =$	$49 + 94 =$
$36 + 66 =$	$71 + 12 =$	$31 + 93 =$	$14 + 72 =$	$26 + 61 =$	$24 + 53 =$	$19 + 26 =$	$75 + 30 =$
$91 + 42 =$	$92 + 34 =$	$62 + 58 =$	$59 + 51 =$	$73 + 77 =$	$67 + 46 =$	$32 + 93 =$	$15 + 92 =$
$97 + 15 =$	$79 + 52 =$	$91 + 42 =$	$75 + 32 =$	$68 + 84 =$	$28 + 55 =$	$42 + 44 =$	$80 + 72 =$
$40 + 91 =$	$23 + 33 =$	$47 + 82 =$	$73 + 71 =$	$92 + 90 =$	$99 + 87 =$	$95 + 36 =$	



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

$77 \div 7 =$

This number is one hundred more than 5,445.

What is the sum of 10 and 810?

$24 \div 4 =$

Which of the following is the greatest possible 2-digit number with all different digits?

double 22 =

What number is halfway between 0 and 10?

The number 72 is more than the number 6 by how much?

How many total legs are on 12 zebras?

A, F, K, P, _____, Z

$5 \times 16 \div 2$

What is 16 less than 1,599?

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

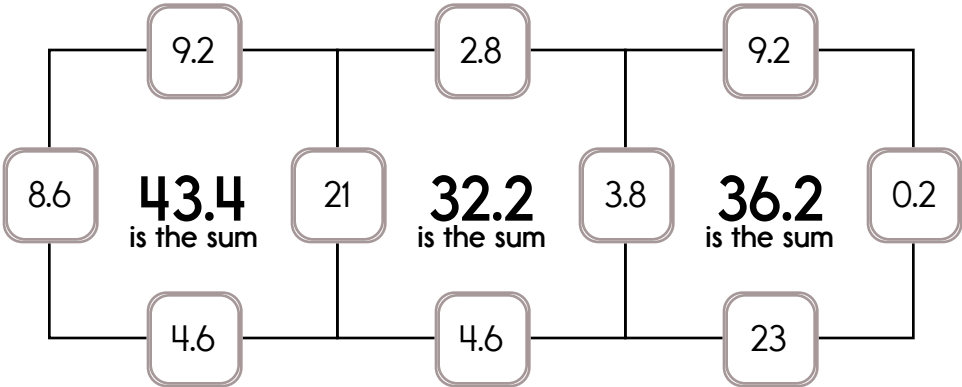
Example:

$$8.6 + 21 + 9.2 + 4.6 = 43.4$$

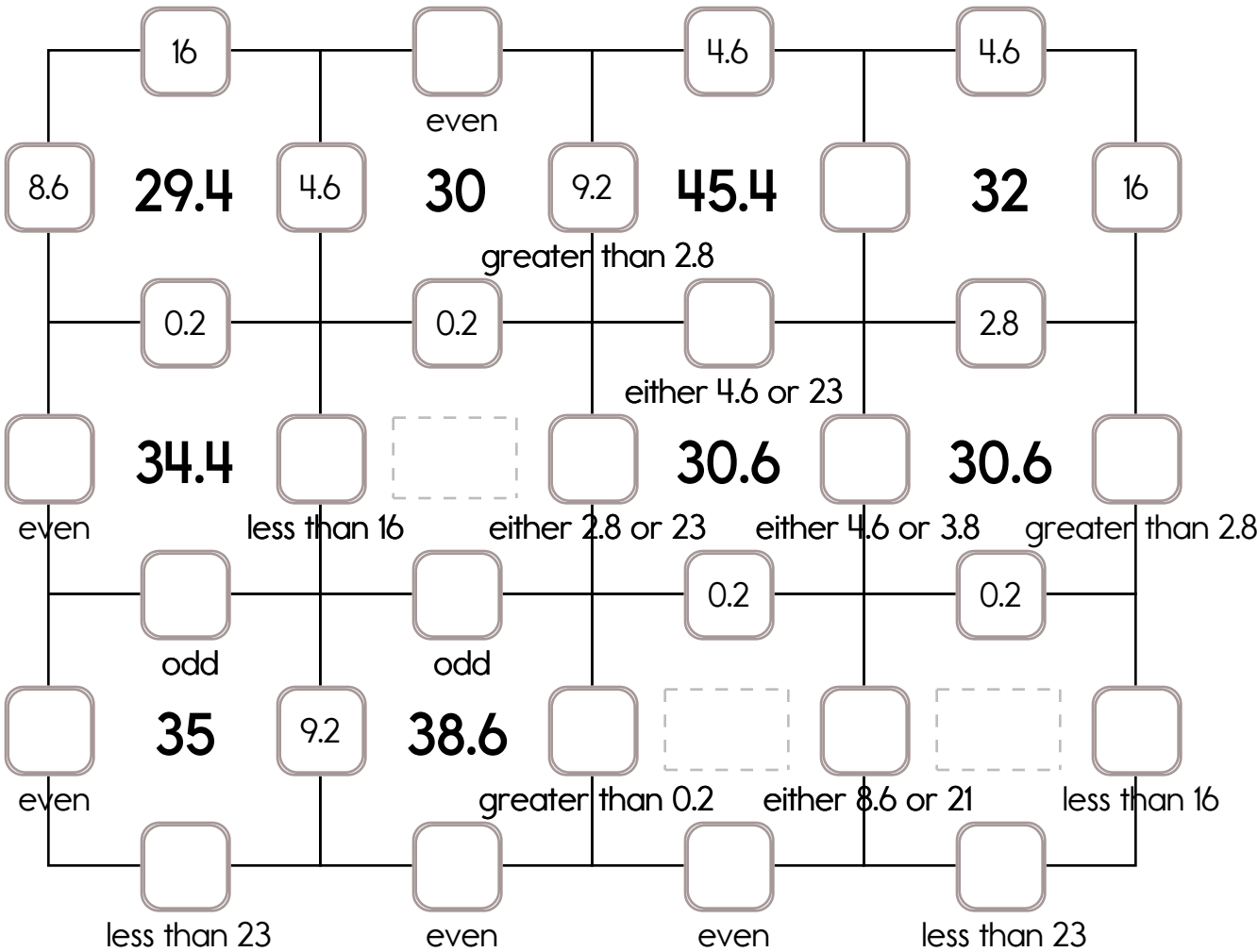
Example:

$$3.8 + 0.2 + 9.2 + 23 = 36.2$$

Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 23, 21, or 16. The other three numbers have to all be DIFFERENT and must be from these: 4.6, 0.2, 3.8, 9.2, 8.6, or 2.8.



Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 15, 29, or 13.

The other three numbers have to all be DIFFERENT and must be from these: 5.2, 2.2, 3.2, 4.4, 1.8, or 9.2.

	2.2		3.2		1.8		15	
		either 15 or 3.2						
4.4	28.8	9.2	46.6	29	43.2	3.2	22.2	
							either 1.8 or 29	
13								
		less than 9.2		greater than 3.2			even	
	27.2		26.4		44.4		22.2	5.2
greater than 2.2		odd				either 1.8 or 13		
		odd					greater than 2.2	
	22.4		29.2		44.8		25.8	
even			odd			either 4.4 or 2.2	either 5.2 or 15	
		odd	less than 15		even		less than 15	
	29.6		29.8		44.8			
greater than 3.2		odd	even			greater than 1.8		
		less than 29	less than 29		either 1.8 or 9.2		even	
	25.6		22.2					
		either 5.2 or 13	less than 3.2			odd		even
		odd	odd				less than 15	

Name: _____

<p>Max baked 9 cookies. He needs 18 in all. How many more cookies does he need?</p>	<p>April counted 12 stars. Wendy counted 9 stars. How many more stars did April count than Wendy?</p>	<p>Jack weighs 47 pounds. Nathan weighs 4 pounds less. How much does Nathan weigh?</p>
---	---	--

<p>$23 + 56 = \underline{\hspace{2cm}}$</p>	<p>Fairview School baked 234 cupcakes for Valentine's Day. The students ate 206 cupcakes. How many cupcakes were left?</p>	<p>100 more than 779</p>
<p> <input type="radio"/> stiod <input type="radio"/> stoodd <input type="radio"/> stood <input type="radio"/> stoo </p>		<p> $\begin{array}{r} 22 \\ 30 \\ + 30 \\ \hline \end{array}$ </p>

Write **gl** or **dr** to complete each word.

_____ove _____ess
 _____ass _____obe

Name: _____

Find the missing numbers. These both have the same rule. What is the rule?

If

$1, 1 = 2$

$2, 2 = 4$

$3, 3 = 6$

$4, 4 = 8$

Then

$5, 5 = ?$

If

$5, 5 = 10$

$6, 6 = 12$

$7, 7 = 14$

$8, 8 = 16$

Then

$9, 9 = ?$

Complete each pattern. Write what the rule is.

7	14	21
28	35	
49		63

Name: _____

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

8459, 4598, 5984, 9845, 8459, 4598, 5984,

_____, _____, 4598, 5984, 9845, 8459, 4598

975473, 754739, _____, _____, 739754, 397547, 975473,

754739, _____, _____, 739754, 397547, 975473, 754739

Complete each pattern. Write what the rule is.

10	20	30
40		60
70		90
100		120

Name: _____

Adam bought a bag of candy. There were fifty-eight pieces of candy in the bag. Some of it was red. Some of it was green. There were twenty-six red pieces of candy. How many pieces of the candy were green?

On Monday, Paul chopped down 3,332 trees. On Tuesday, he did not feel well. He only chopped down 1,419 trees. How many trees did he chop down on Monday and Tuesday?

Jason and Max want to buy a book about knights and dragons. Jason has \$9.28. Max has \$3.60 less than Jason. How much money do they have together?

Alex bought his mother a big bouquet of tulips to thank her for all the things she did every day. He gave them to her on No Housework Day. The tulips cost \$13.28. If he gave the clerk \$20, how much change did he get back?

Maria read three books last week. One book had 95 pages, one book had 114 pages, and one book had 203 pages. What was the average number of pages in the books Maria read? Round your answer to the nearest whole number.

Gavin is making a collection of jokes for Humor Month. He writes the jokes on cards and puts the cards in a scrapbook. He can put 8 cards on each page. He has 129 cards ready to put on pages. How many pages does he need?

Name: _____

Adam is making Bloodshot Eyes Punch for his party. He will use 8 cups of pineapple juice, 2 cups of cranberry juice, and 8 cups of ginger ale to make the punch. How many quarts of punch will he make?

During Be Kind to Humankind Week the students at Midvale Elementary School gave their change to Habitat for Humanity. If an average of \$245 was donated each day, how much money did the students give in 5 days?

Mrs. Hernandez's class is making black cow root beer floats. Each student will use 1 pint of milk. If there are 23 students in the class, how many quarts of milk will they use?

Justin's mother made tomato soup from fresh tomatoes. For each $\frac{2}{3}$ cup of soup she had to cut up 1 medium tomato. If she made 7 cups of soup, how many tomatoes did she use?

The ugly old witch wanted a new mirror. Her old mirror was too small. After all, she thought she was so pretty. She wanted a mirror that was at least 6.5 feet long and 4 feet wide! What will the area of the new mirror be?

Wendy wants to give each guest at her birthday party four mini-cans of Play-Doh. The cans are sold in bags of nine for \$3.58. If there are forty-four guests at her party, how much will it cost to give three mini-cans of Play-Doh to each guest?

Name: _____

Holly thought the faded blue paint on the old truck was ugly. She had the truck repainted bright pink! She was very happy with the color. It cost \$116.74 to have the truck painted. Holly had \$207. How much did she have left after she paid for the paint job?

David thought it was so funny! He went in the supermarket and all the clerks were wearing pajamas. The store manager and all workers were wearing pajamas, too! The funniest part was that all the pajamas had big yellow smiley faces on them. David spent \$10.54 on milk, eggs, cheese, and cookies. He gave the clerk \$20. How much change did he get?

The school cafeteria workers made some pumpkin pies for the Thanksgiving lunch. Each pie had been cut into 8 pieces. There were 392 pieces of pie. How many pies had been made?

Anne is tying a ribbon around 12 red cups. She will put ice cream in them at her sister's party. She started with a ribbon 2 meters long. She has used 38 centimeters of ribbon. How much ribbon is left?

A maple tree grows about 10 inches per year. If the maple tree in Max's yard is 29 inches tall now, how tall will it be in 3 years?

Name: _____

Hannah bought a bottled chocolate milkshake at the grocery store. There were five hundred fifty-three calories in the bottle. A homemade milkshake has three hundred thirty-one calories for the same amount. How many more calories does the bottled shake have than the homemade shake?

Mrs. Rodriguez keeps score for the Mountain Springs High School basketball team. During the championship game, David scored nine points, Jacob scored four points, Kevin and Hunter scored eleven points each, Alex scored thirty-two points, and the rest of the players didn't score. What was the total number of points the MSHS scored?

Emma put daffodils and daisies in a vase. She put nine more daffodils than daisies in the vase. There are thirty-one flowers in all. How many daisies are in the vase?

The Angel Thrift Shop was putting a new floor in one of the rooms. The room measured 10 feet wide and 12 feet long. If they use blue and white tiles that are each exactly 1 square foot, how many tiles will they need?

For the summer program 144 children came to the park. They were divided into 6 groups. How many children were in each group?

Add the correct end punctuation for this sentence.

Andi, have you seen my glasses

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME**
☐
(Check the
box after
you play.)**MY SCORE**



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

63, 70, 77, 84, 91,
_____, 105, 112, 119

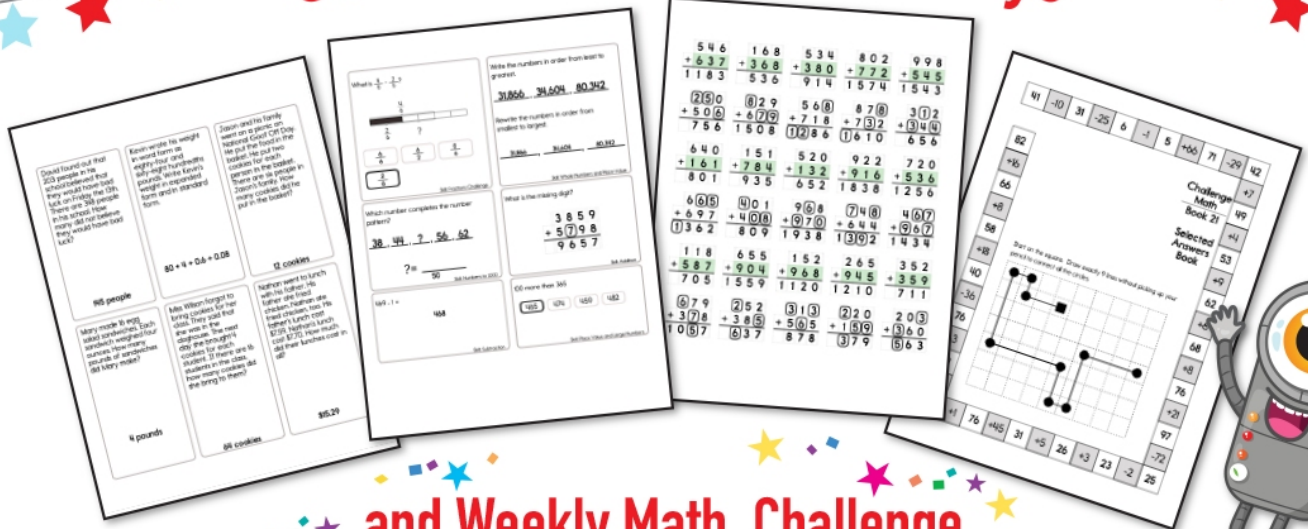
You have a playdate in 180 minutes. How many hours is that?

Sara has 28 books. She organized them equally into 4 boxes. How many books in each box?

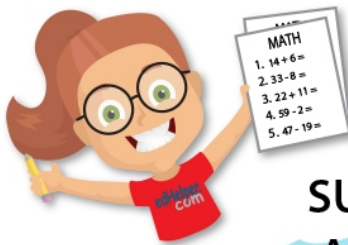
$$10 + 4 - 6$$

$$\text{triple } 10 =$$

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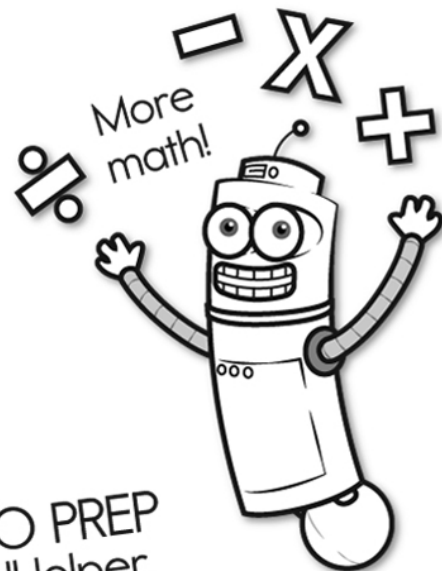
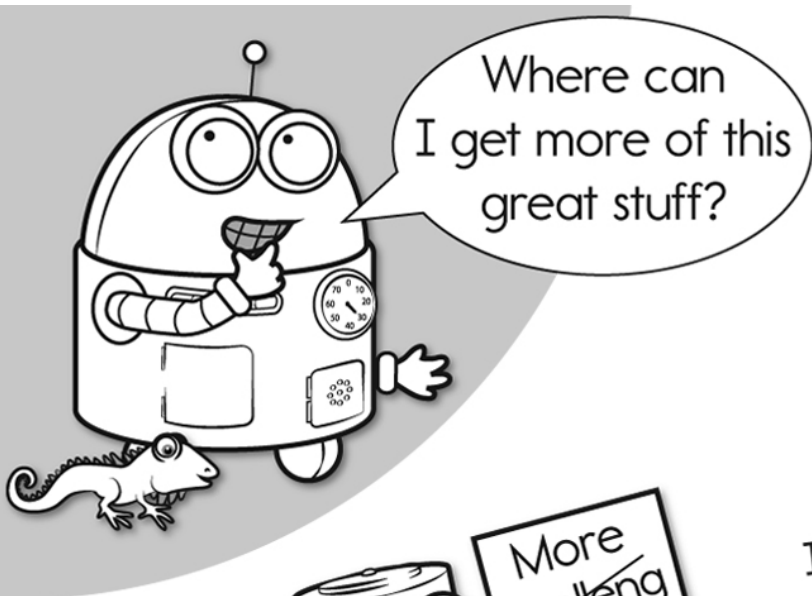
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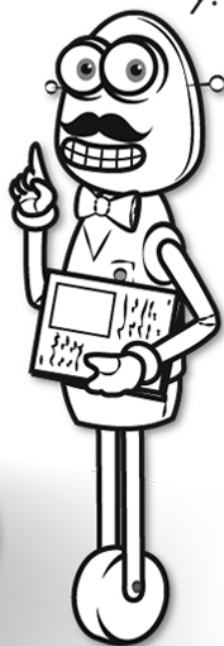
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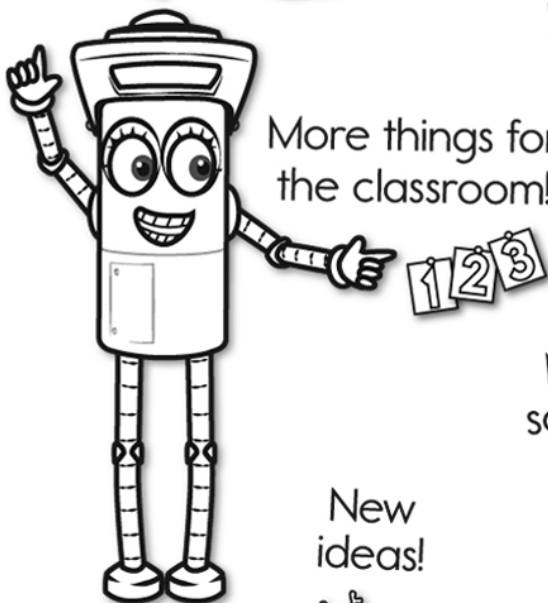
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