

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

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

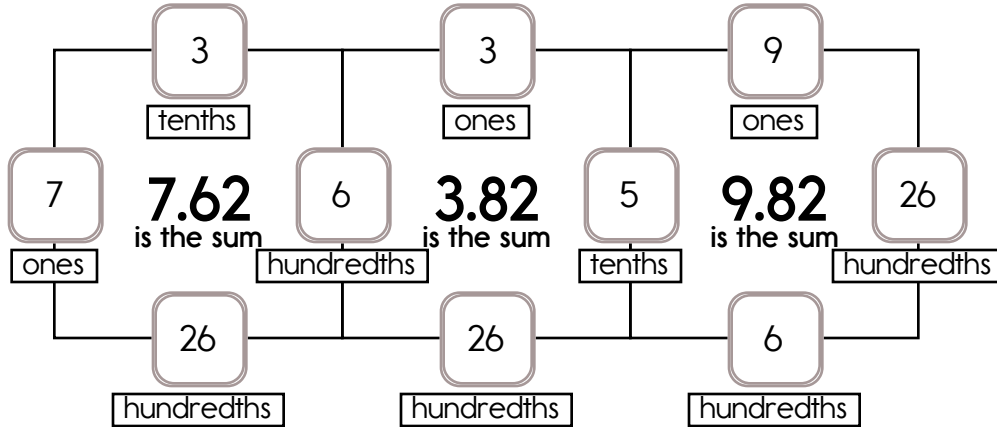
Example:

$$7 + 0.06 + 0.3 + 0.26 = 7.62$$

Example:

$$0.5 + 0.26 + 9 + 0.06 = 9.82$$

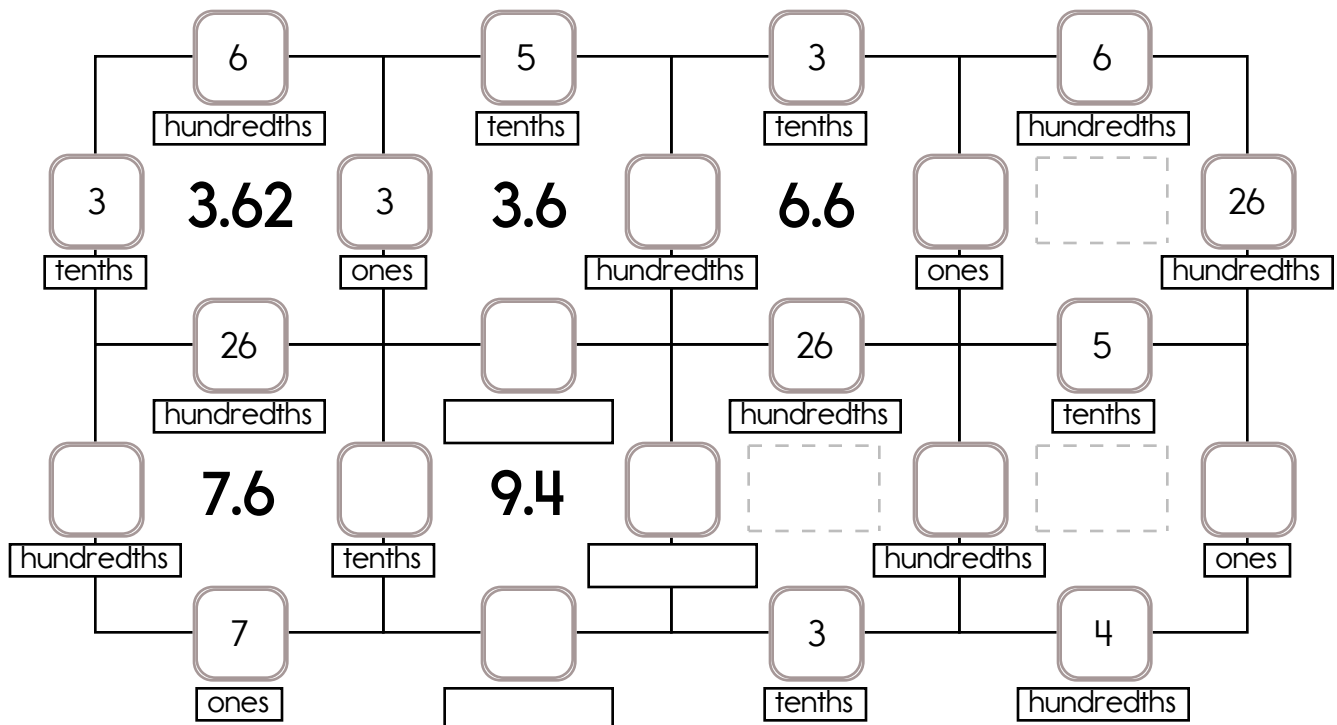
Sample:



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: 7 ones, 3 ones, 9 ones, 8 ones, or 6 ones.

The other three numbers have to all be DIFFERENT and must be from these: 26 hundredths, 4 hundredths, 3 tenths, 5 tenths, or 6 hundredths.



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

Circle any of the following that are NOT equal to 6,500.

$$65 \times 10$$

$$(6 \times 1,000) + (5 \times 100)$$

$$(5 \times 1,000) + (6 \times 100)$$

six hundred fifty

$$6.500$$

Mary was so into a book. She finally finished! She then spent 2 times as long playing a game on her phone as she did reading. Mary spent a total of 99 minutes in her room reading and playing the game. For how long did Mary read?

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

$$\begin{array}{r} 977 \\ \times 66 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 135 \\ \times 26 \\ \hline \end{array}$$

$10 + -8 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

Rewrite  $7 - 3$

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

What is the number that is 3 less than 1?

What is the least common multiple of 9 and 7?

What is the greatest common factor of 2 and 14?

What is the least common multiple of 4 and 7?

Write as a decimal.

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

Write as a decimal.  
Seven tenths

Write as a decimal.

$$8 \frac{46}{1000}$$

$2y = 16$

$$\frac{N}{9} = 8$$

$6n = 12$

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

Write the reciprocal.

$$\frac{23}{22}$$

Write the reciprocal.

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

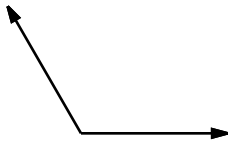
Write the reciprocal.

$$\frac{2}{14}$$

Sketch an obtuse angle  
named  $\angle FGH$ .

What kind of angle has  
a measure of between  
 $0^\circ$  and  $90^\circ$ ?

Sketch a right angle named  
 $\angle$



What kind of angle is this?



What kind of angle is this?

$$\begin{array}{r} 3.77 \\ - 1.44 \\ \hline \end{array}$$

$$\begin{array}{r} 0.6 \\ - 0.3 \\ \hline \end{array}$$

$$3 - 1.9 =$$

Write as a percent.

$$\frac{4}{12}$$

$$\frac{18}{27} = \frac{?}{3}$$

Write the ratio as a fraction.  
11 boys to 3 girls

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

<p>In the fourth grade, each student read one poem. Of the students, <math>\frac{1}{3}</math> read "The River," <math>\frac{1}{5}</math> read "Storm Clouds," and <math>\frac{7}{15}</math> read "First Spring." Which poem was read by the most students?</p>	<p>Kevin spent \$25.34 on TV dinners. The dinners cost \$3.62 each. How many TV dinners did Kevin buy?</p>	<p>Mr. Miller ran in the Clock Day race. He started running at 10:30 a.m. He crossed the finish line at 1:09 p.m. For how long did he run?</p>
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<p>Circle the addition property for <math>38 + 79 = 79 + 38</math>.          associative property          commutative property</p>	$\begin{array}{r} 363 \\ + 313 \\ \hline \end{array}$	<p>What can you multiply by 9 to get 6?</p>
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$\begin{array}{r} 81 \\ - 18 \\ \hline \end{array}$	<p><math>56 \div 7 =</math></p> <hr/> <p><math>3 \times 4 =</math></p>	<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>	$\begin{array}{r} 372 \\ - 135 \\ \hline \end{array}$
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Name: \_\_\_\_\_

1 lb = 16 oz  27 lb = _____ oz	In the number 153,236, the digit 6 is in what place?  _____	$\begin{array}{r} 37 \\ + 39 \\ \hline \end{array}$
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8 x 11 =	Jessica multiplied two one-digit numbers and then added 120. The result was 176. Amanda does not believe her and thinks Jessica made a mistake. Who is correct?	What time is 17 hours after 4:00 a.m.  _____
		40 ÷ 4 =

List six of the smallest whole numbers that are greater than 45, are multiples of 4, and are not multiples of 9.	How many pounds are in 96 ounces?  _____ pounds
	Insert a comma in the correct place in this sentence. You adopted your puppy from the shelter didn't you?

A 7 cm x 7 cm x 7 cube was made by Jacob. He used centimeter blocks. How many blocks did he use?	18 cm = _____ mm
--	------------------

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

### Sudoku Sums of 10

Each row, column, and box must have the numbers 1 through 9.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 10.

Here is an example of a sudoku sum of 10:

4	6
---	---

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

Write the missing family fact.

$$167 - 80 = 87$$

$$87 + 80 = 167$$

$$167 - 87 = 80$$

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

8 • 2 • 6 • 0 • 7 • 3 • 1 • 3 • 2 • = • = • 2 • 5 • 6 • ÷ • 7  
= • 8 • 4 • x

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: 6 (top), ÷ (top), 6 (top), 7, x, 3, =, 1
- Row 2: 9, x, 7, =, 3, =, 3
- Row 3: 3, =, 3
- Row 4: 7, x, =, 4, 9, 2, ÷
- Row 5: 4, 5, ÷, 5, =, 9
- Row 6: x, 8, =, 2, 4, 3, =
- Row 7: 1, ÷, 1, 1, 0
- Row 8: ÷, 1
- Row 9: 8, 4, x, 4, 1, 6
- Row 10: x, =, x
- Row 11: =, 0
- Row 12: 5, ÷, 1, =, 5
- Row 13: 0, 8, =, 0, 0

72 ÷ 12 = Circle the correctly spelled words.  
selebration, capeble, available

Write 4,748 in words.  
\_\_\_\_\_



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

Draw...  
perpendicular Lines.

To draw these angles  
use a protractor.

parallel lines.

a pair of lines that  
intersect yet are  
not perpendicular.

Use the words “supplementary,”  
“complementary,” or “vertical”  
once each to fill in the blanks.

A pair of \_\_\_\_\_ angles  
equal 90 degrees.

A pair of \_\_\_\_\_ angles  
are congruent.

A pair of \_\_\_\_\_ angles  
equal 180 degrees.

1.  $45^\circ$

2.  $140^\circ$

3.  $85^\circ$

4.  $50^\circ$



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

$$m + 13 = 27$$

$$m + 32 = 43$$

$$25 - m = 15$$

What is the least common multiple of 14 and 10?

What is the greatest common factor of 2 and 16?

$$9 - m = 2$$

What is the greatest common factor of 4 and 8?

What is the least common multiple of 2 and 5?

What is the least common multiple of 8 and 6?

$$\begin{array}{r} 43 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 597 \\ - 298 \\ \hline \end{array}$$

Find the difference between 413 and 77.

$$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$$

$$210 - 678 =$$

$$\begin{array}{r} 343 \\ - 55 \\ \hline \end{array}$$

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

Anne has 5 coins in her toy bank. The code to open this cool bank is 9288. She has no quarters, bills, or pennies. All she has are nickels and dimes. They total \$0.35. How many nickels does she have?

Erin has 6 coins in her toy bank. The code to open this cool bank is 7289. She has no quarters, bills, or pennies. All she has are nickels and dimes. They total \$0.40. How many nickels does she have?

Mary has 9 coins in her toy bank. The code to open this cool bank is 6366. She has no quarters, bills, or pennies. All she has are nickels and dimes. They total \$0.70. How many nickels does she have?

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

Mental Math

— #1 —

■ Start with the product of 7 and 4.

28

■ Multiply the tens digit by the ones digit. The product is your new number.

7 2 8 7 1 6 4 5 9 3 (Circle your answer to double check you are correct.)

■ Add the number of nickels in a dollar.

9 1 1 3 6 1 3 8 6 6

■ Add the digits in your number. The sum of that is your new number.

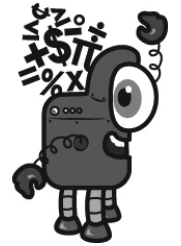
2 9 7 8 4 9 9 0 3 2

■ Add one-third of a dozen.

4 1 3 7 5 7 7 5 8 8

■ Add half of 56.

6 9 4 1 1 5 8 8 5 7



Mental Math

— #2 —

⚡ Start with the number 693.

6 9 3 3 7 4 6 3 4 6 (Circle your answer to double check you are correct.)

⚡ Add the number of pennies in a dollar.

8 1 1 4 7 7 9 3 9 7

⚡ Subtract 15.

4 0 7 7 8 5 7 8 3 2

⚡ Add the number of inches in 1 foot.

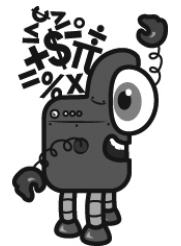
7 9 0 8 5 1 1 5 6 5

⚡ Add one-fourth of a dozen.

3 3 8 4 5 4 7 9 3 2

⚡ Add the number of cups in 1 quart.

8 7 9 7 3 2 1 9 9 0



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

Cross off the number that does NOT belong.

$$54 \frac{10}{25}, 51 \frac{15}{25}, 48 \frac{20}{25}, 46, 43 \frac{5}{25}, 40 \frac{10}{25}, 39 \frac{19}{25},$$
$$37 \frac{15}{25}, 34 \frac{20}{25}, 32, 29 \frac{5}{25}, 26 \frac{10}{25}, 23 \frac{15}{25}, 20 \frac{20}{25}$$

Why does \_\_\_\_\_ not belong in the pattern?

Subtract  $2 \frac{4}{5}$

Cross off the number that does NOT belong.

$$(1,937,102,445), (215,233,605), (23,914,845),$$
$$(2,657,205), (1,667,673), (295,245), (32,805),$$
$$(3,645), (405), (45)$$

Why does \_\_\_\_\_ not belong in the pattern?

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

X		12			9	5
	___x___	___x 12	20	___x___	___x 9	___x 5
7	7 x ___	7 x 12	84	84	7 x 9	7 x 5
3	3 x ___	3 x 12	30	3 x ___	3 x 9	3 x 5
	121	___x 12	___x___	132	99	___x 5
	99	___x 12	___x___	___x___	81	___x 5
	___x___	___x 12	___x___	___x___	___x 9	30
	___x___	120	___x___	___x___	___x 9	___x 5
	___x___	120	___x___	___x___	___x 9	50

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

nine hundred five thousand, seven  
hundred ninety-two

\_\_\_\_\_

Cross out the prepositional phrase in  
the sentence.

From a distance, the sky looked  
ominous and stormy.

word root **freq** can mean **often**









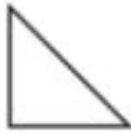


**frequent, frequenter**

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

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

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

Each row, column, and box must have 6 different pictures.

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

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

52, \_\_\_\_\_, \_\_\_\_\_, 109, 128, 147

46, 65, 84, 103, \_\_\_\_\_, \_\_\_\_\_, 160, \_\_\_\_\_

\_\_\_\_\_, 70, \_\_\_\_\_, \_\_\_\_\_, 127, 146, 165, 184

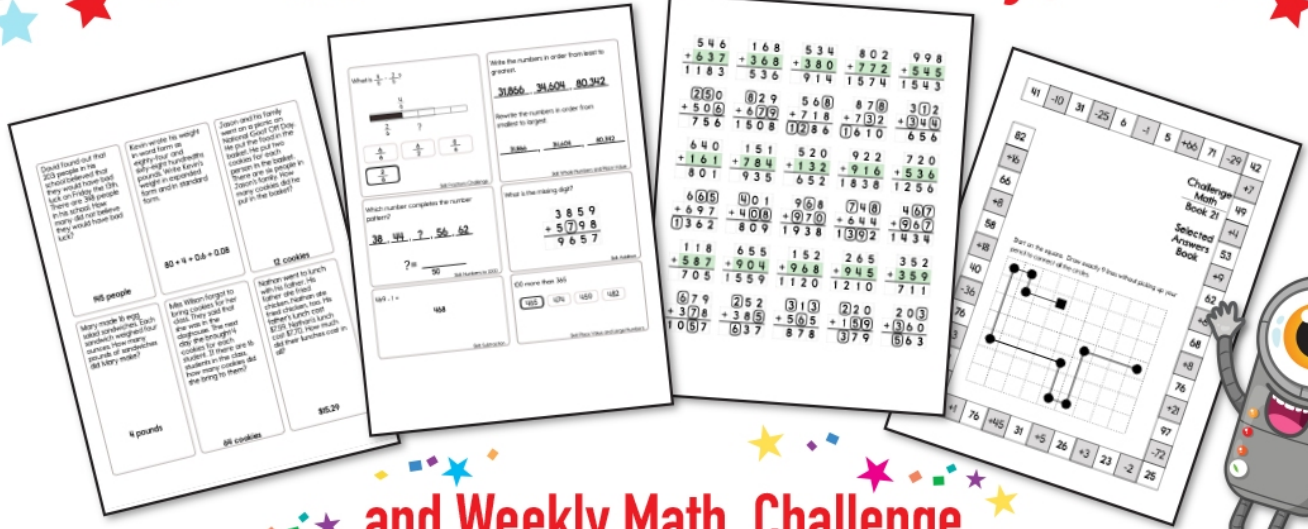
57, 76, 95, 114, 133, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 209, 228

Complete each pattern. Write what the rule is.

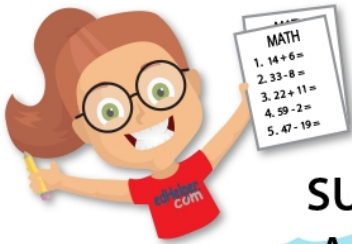
162	144	126
108		72
54		18



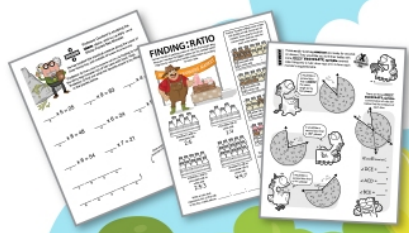
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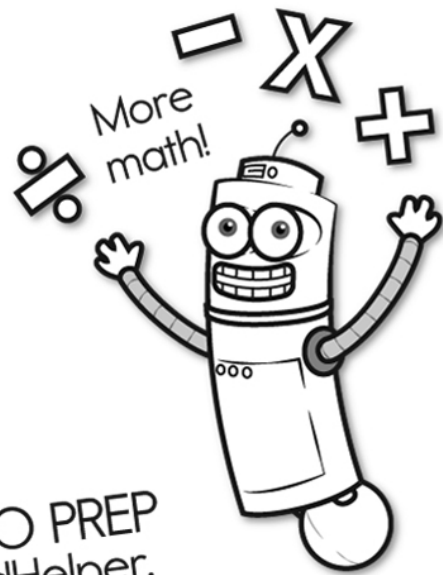
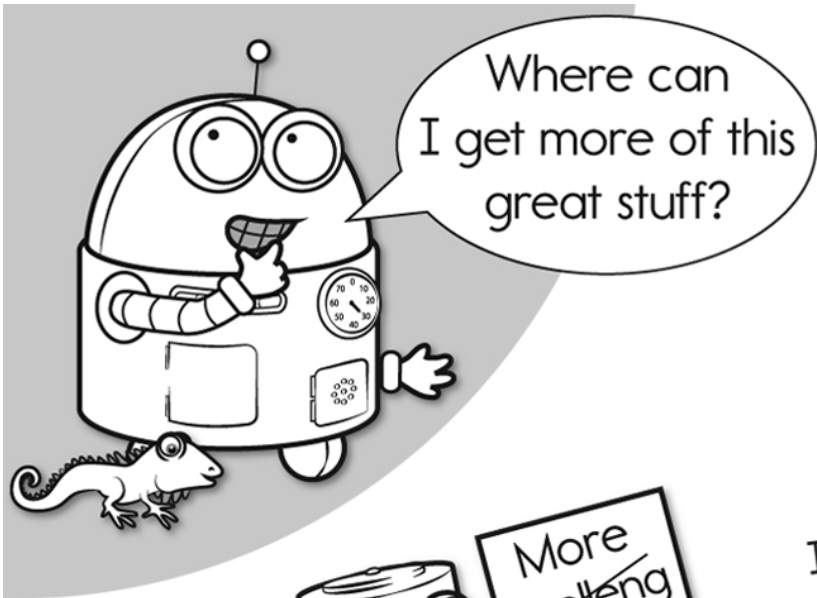
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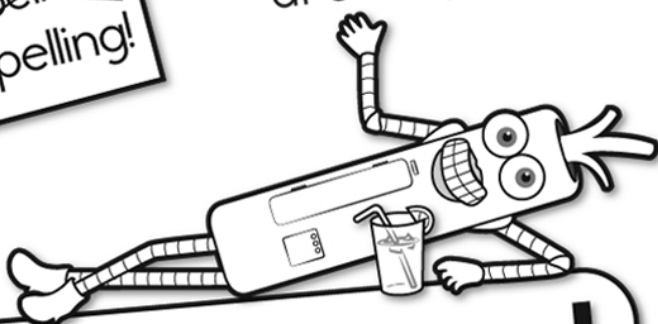


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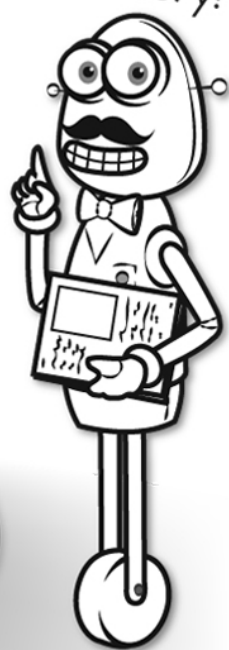


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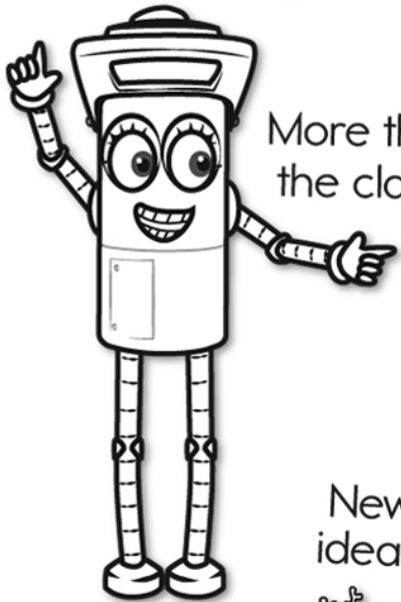
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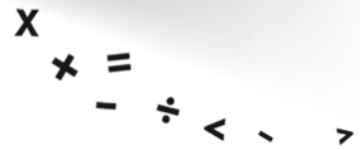
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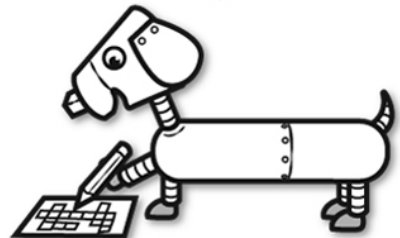
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