

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

Megan needs to buy water for the cafeteria.

"Can you please pick up 63 quarts of water?" asked the principal.

When Megan got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

Weather person Mary was at it again. She promised to stay awake for as long as the sun was out. She woke up with the rise of the sun at 6:25 a.m. The sun will set in 12 hours and 5 minutes. What time will Mary go to bed?



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

Ready for a challenge? See how long this takes.

My starting time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

My ending time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

Pick the family fact that is missing.

$$126 \div 9 = 14$$

$$9 \times 14 = 126$$

$$126 \div 14 = 9$$

$$6 \div \frac{1}{7}$$

What is 50% of 948?

It's 10:00 a.m. Emily has soccer practice today. If practice starts at 6:15 p.m., then how much longer until soccer starts?

Draw a number line with 0,  $\frac{1}{2}$ , and 1. Show where  $\frac{7}{9}$  would go. Is  $\frac{7}{9}$  closer to 0,  $\frac{1}{2}$ , or 1?

695652, 269565, 526956,

652695, 565269, 956526,

695652, 269565, 526956,

652695, 565269, \_\_\_\_\_,

695652, 269565

How much money is 1 quarter, 1 dime, 1 nickel, and 4 pennies?

How much time is it from 8:00 a.m. to 11:50 a.m.?

13, 26, 39, 52, 65, 78, 91,

\_\_\_\_\_, 117, 130

It was 93 degrees outside. What would the temperature be if it got 22 degrees colder?

$$2 \times 12 \times 6$$

How many meters are there in 110 kilometers?



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

Ready for a challenge? See how long this takes.

My starting time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

My ending time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

Write  $\frac{4}{6}$  in lowest terms.

$$9\frac{4}{6} + 5\frac{4}{6}$$

Round 5,406 to the nearest thousand.

8, 13, 18, 24, 30, 37, 44,  
52, 60, 69, 78, 88, 98, 109,  
\_\_\_\_\_, 132

140, 150, 160, 170, \_\_\_\_\_,  
190, 200, 210, 220

Draw a number line with 0,  $\frac{1}{2}$ , and 1. Show where  $\frac{6}{12}$  would go. Is  $\frac{6}{12}$  closer to 0,  $\frac{1}{2}$ , or 1?

Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?

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

How many centimeters in 7.5 meters?

It was 8 degrees below zero in the morning. By afternoon the temperature rose 19 degrees. How warm was it?

$$12 + (3 \times 11) + 7$$

What is the area of a rectangle with sides 3 cm and 10 cm?

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

<p>Mr. Taylor bought <math>2\frac{1}{2}</math> pounds of ham to make sandwiches for Police Week lunch in the park. The ham cost \$3.19. What was the cost of the ham per pound? (Round your answer off to the nearest cent.)</p>	<p>Amanda has 80 coins in her bank. They are all dimes and nickels. She has three times as many dimes as nickels. How much money does she have in her bank?</p>	<p>Mr. White bought 5 rolls of masking tape. There were 30 yards of tape in each roll. He used 82 yards of the tape. How many yards of tape were left?</p>
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<p>Can 353 be evenly divided by 4? Circle: 353 is evenly divisible by 4 353 is NOT evenly divisible by 4</p>	$\begin{array}{r} 27 \\ - 17 \\ \hline \end{array}$	<p>22 lb = _____ oz</p>
		$\begin{array}{r} 31 \\ + 33 \\ \hline \end{array}$

<p>What time is 14 hours after 5:00 p.m. _____</p>	$\begin{array}{r} 886 \\ - 590 \\ \hline \end{array}$	<p>What part of speech is underlined in this sentence? <u>Oh!</u> So that's how you solve that equation! _____</p>
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<p>5 x 8 =</p>	<p>Write whether this fragment is missing a subject or a verb. The leaves _____</p>	<p>1 cm = 10 mm 25 cm = _____ mm</p>
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Name: \_\_\_\_\_

<p>Can 720 be evenly divided by 7? Circle:          720 is evenly divisible by 7          720 is NOT evenly divisible by 7</p>	<p>How many inches are in 9 feet?          _____ inches</p> <hr/> <p>Write this as a number in standard form.          Use a comma in your number.          six hundred eighty-three thousand one          hundred fifty-four          _____</p>
--	--

<p>Draw a shape that has between four and seven lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.</p>	<p>Erin multiplied two one-digit numbers and then added 105. The result was 143. Hannah does not believe her and thinks Erin made a mistake. Who is correct?</p>	$\begin{array}{r} 244 \\ + 260 \\ \hline \end{array}$
<p>Insert a comma in the appropriate place in this sentence.          Jenn was going to move over the summer but her mother got a new job.</p>		

<p>How many digits are in 1,000 times 100?          _____</p>	<p><math>72 \div 9 =</math></p>
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<p>Circle the digit in the tenths place.          96.4298</p>	<p>Circle the addition property for <math>74 + 26 = 26 + 74</math>.            associative property          commutative property</p>
<p>Circle the interjection in the sentence.          Wow, that was a close call!</p>	



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

0 • x • 9 • 6 • 5 • 8 • 3 • 5 • ÷ • 4 • x • 3 • 2 • 2 • = • 0  
0 • 6 • 8 • =

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

The puzzle grid contains the following numbers and symbols in various orientations:

- Vertical pieces:
  - Top right: 1
  - Second from top right: 3, x, 3, =
  - Third from top right: 0, 7, =, 4, 9
  - Fourth from top right: 2, 4, ÷, 1, 0
  - Fifth from top right: 1, 1, =, 0
  - Sixth from top right: x, 5, =
  - Seventh from top right: 1, =
  - Bottom right: 6
  - Bottom right (second): 8, x, 8, =, 6, 4
  - Bottom right (third): 0, 1
  - Bottom right (fourth): 5, x, 9, =, 4, 5
  - Bottom right (fifth): 5, 6
  - Bottom right (sixth): 5, 6, ÷
  - Bottom right (seventh): 5, ÷, 8, =, 7
  - Bottom right (eighth): =
  - Bottom right (ninth): 9, x, 8, 7, 2
- Horizontal pieces:
  - Top right: 1
  - Second from top right: 3, x, 3, =
  - Third from top right: 0, 7, =, 4, 9
  - Fourth from top right: 2, 4, ÷, 1, 0
  - Fifth from top right: 1, 1, =, 0
  - Sixth from top right: x, 5, =
  - Seventh from top right: 1, =
  - Bottom right: 6
  - Bottom right (second): 8, x, 8, =, 6, 4
  - Bottom right (third): 0, 1
  - Bottom right (fourth): 5, x, 9, =, 4, 5
  - Bottom right (fifth): 5, 6
  - Bottom right (sixth): 5, 6, ÷
  - Bottom right (seventh): 5, ÷, 8, =, 7
  - Bottom right (eighth): =
  - Bottom right (ninth): 9, x, 8, 7, 2
- Other pieces:
  - Top left: 7, x, 5, =, 3
  - Middle left: 4, 7, 8, 6
  - Middle left (second): 2, =, ÷
  - Middle left (third): 2, 9
  - Middle left (fourth): 7, 1, 3, =
  - Middle left (fifth): =, 4, 8, ÷, 8, =, 6, ÷
  - Bottom left: 6, x, 0

Circle the smallest number:

5,694

37,081,294,705

407,652,189

218,637,914,268

Insert punctuation marks into this sentence.

Oscar asked Can you tell me how to get to Poppy Street?

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

Find the way from START to END by passing only through numbers that are multiples of eight.

You can go up, down, left, right, AND diagonally!

START	273	483	27	493	997	943	254	42	754
680	503	62	220	633	77	289	543	758	399
928	567	164	634	914	735	961	677	702	445
216	440	289	733	846	42	292	629	761	174
624	40	649	802	170	356	816	80	703	865
136	792	473	812	149	661	872	560	184	936
528	816	809	281	46	512	784	680	840	760
616	578	693	28	418	552	853	384	480	496
176	545	80	16	264	272	688	992	209	962
912	448	88	602	984	240	976	360	576	END

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

		+		+		x		=	
A	?	B	B						211
B	B	B	A						42
A	C	A	C						35
		16	45	29	32				

**Equations and Hints:**

Each letter is a whole number.

Fill in the equations using the chart:

$$B + A + C = 32 \quad A + C + A \times \underline{\quad} = 35$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} \times \underline{\quad} = 42 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 16$$

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

Additional hints:

$$A < 9 \quad C = A + 16$$

**Solve:**

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

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$$6n = 24$$

$$11 \times \underline{\quad} = 110$$

What is the missing number?

$$4 \times N = 16$$

What is the value of N?

$$\frac{???}{7} = 8$$

What is the missing number?

$$\frac{N}{8} = 3$$

What is the value of N?

Write the reciprocal.

16

$$\frac{1}{2} \div \frac{1}{3} =$$

Write the reciprocal.

$$\frac{3}{4}$$

$$9 \overline{) 210}$$

Divide and write remainder.

$$32 \overline{) 8354}$$

Divide and write remainder.

$$\begin{array}{r} 551 \\ \times \quad 8 \\ \hline \end{array}$$

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

Find 51% of 3.

Change to a percent.  
0.7

Change to a percent.  
0.08

$$-4 \times -9 =$$

$$-12 + 7 =$$

$$-8 + -11 =$$

Find the sum of 38 and 10.

$$\begin{array}{r} 3 \\ 58 \\ 5 \\ + 91 \\ \hline \end{array}$$

$$52 + 18 =$$

Change  $\frac{3}{20}$  to a decimal.

$$7 \overline{) 5.6}$$

$$\begin{array}{r} 4.51 \\ \times 9.2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 6 \\ - 3\frac{4}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 21\frac{1}{3} \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{3}{12} \\ + \frac{6}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 0.1 \\ 0.2 \\ +0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 0.4 \\ -0.3 \\ \hline \end{array}$$

$$7 - 1.6 =$$

$$6 + \underline{\quad} = 15$$

What is the missing number?

$$4 + x = 10$$

What is the value of x?

Is the least common multiple of 4 and 6 smaller, equal to, or greater than the greatest common factor of 4 and 6?

What is the greatest common factor of 10 and 26?

Sketch an obtuse angle named  $\angle DEF$ .

What kind of angle has a measure of between  $90^\circ$  and  $180^\circ$ ?

An angle measures  $22^\circ$ .  
What would you call this angle?

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

Change  $\frac{1}{2}$  to a decimal.

$$\begin{array}{r} 9.5 \\ \times 4.8 \\ \hline \end{array}$$

$$6 \overline{) 35.4}$$

$$\underline{\quad} \div 6 = 12$$

What is the missing number?

$$N \div 7 = 6$$

What is the value of N?

$$\frac{N}{9} = 2$$

$$9y = 18$$

$$\frac{-60}{-12} =$$

$$-12 \times 4 =$$

$$96 \div -12 =$$

$$13 + \frac{1}{2}$$

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

Reduce  $\frac{45}{72}$  to its lowest terms.

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$3 \times 12 =$        $3 \times 7 =$        $1 \times 10 =$        $8 \times 4 =$

$9 \times 4 =$        $9 \times 8 =$        $6 \times 12 =$        $9 \times 12 =$

$10 \times 8 =$        $2 \times 11 =$        $0 \times 6 =$        $2 \times 2 =$

$11 \times 5 =$        $11 \times 5 =$        $11 \times 1 =$        $0 \times 5 =$

$3 \times 7 =$        $6 \times 7 =$        $4 \times 4 =$        $5 \times 3 =$

$6 \times 7 =$        $10 \times 9 =$        $3 \times 2 =$        $12 \times 11 =$

$4 \times 8 =$        $10 \times 5 =$        $2 \times 5 =$        $0 \times 7 =$

$6 \times 7 =$        $8 \times 1 =$        $6 \times 12 =$        $4 \times 12 =$

$8 \times 2 =$        $4 \times 3 =$        $6 \times 5 =$        $7 \times 3 =$

$10 \times 10 =$        $11 \times 8 =$        $11 \times 9 =$        $6 \times 10 =$

$12 \times 2 =$        $9 \times 1 =$        $2 \times 0 =$        $12 \times 9 =$

$7 \times 12 =$        $11 \times 3 =$        $7 \times 5 =$        $11 \times 9 =$

$3 \times 9 =$        $6 \times 8 =$        $6 \times 10 =$        $4 \times 11 =$

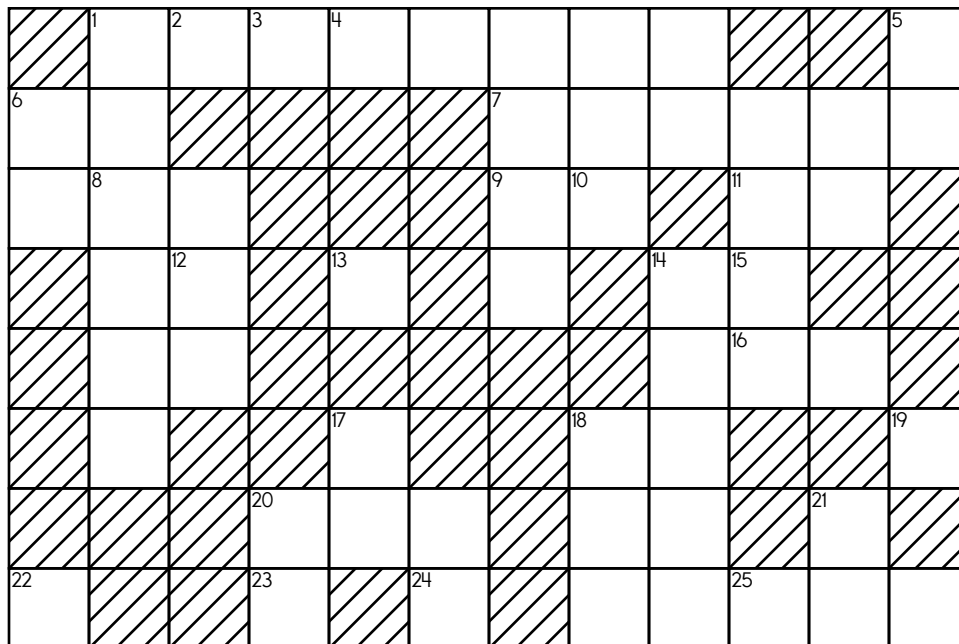
Name: \_\_\_\_\_

**ACROSS**

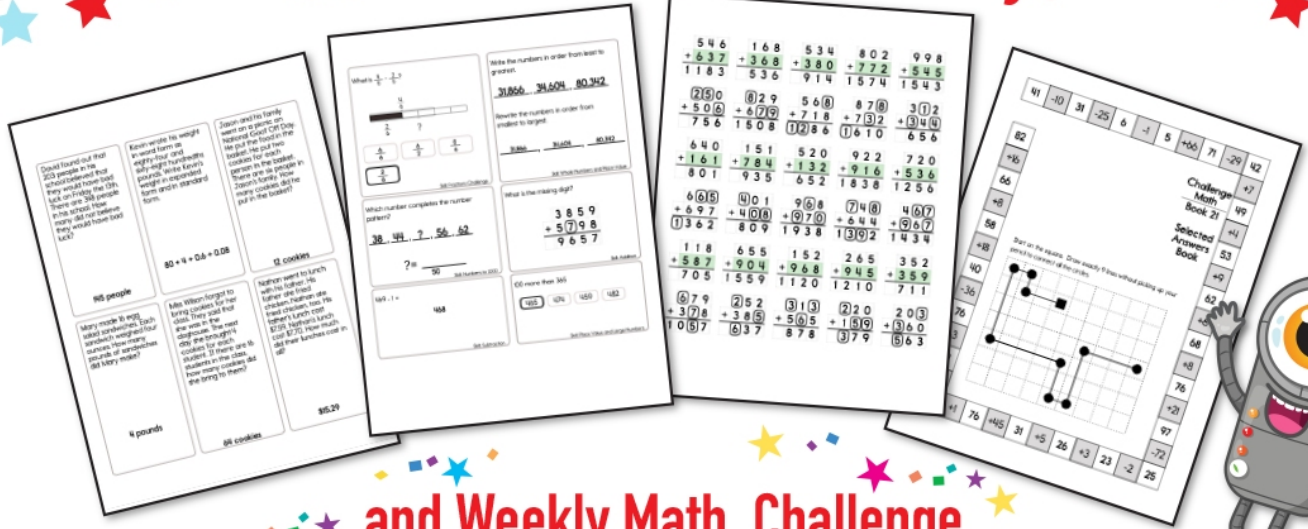
2. Its digits total 31
4. the ones in 15-Down + the tens in 16-Across + the hundreds in 1-Down + the ten thousands in 7-Across
5. How many factors does 44 have?
7. Average of 1-Down and 16-Across
8. Average of 16-Across and 12-Down
11. Two more than 8-Across
13. First prime number after 5-Across
16. Sum of digits of 1-Down
17. Sum of digits of 20-Down
19. What is the greatest common factor of 23-Across and 21-Down?
20. Six more than 25-Across
22. One-fifth of 12-Down
23. One-fifth of 11-Across
24. How many factors does 35 have?
25. What is the lowest common multiple of 10-Down and 12-Down?

**DOWN**

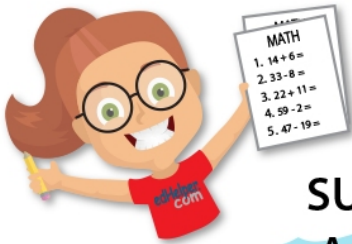
1. **two hundred eighty-two thousand, six hundred forty-nine**
2. How many factors does 12 have?
3. Three more than 23-Across
4. How many factors does 6 have?
6. Eight less than 12-Down
9. 11
10. What is the greatest common factor of 24 and 80?
12. 25
14. the hundreds in 25-Across + the tens in 1-Down + the ten thousands in 4-Across
15. Sum of digits of 7-Across
18. What is the lowest common multiple of 2-Down and 6-Down?
20. The factors of 52 are 1, 2, 4, 13, \_\_, 52.
21. How many factors does 48 have?



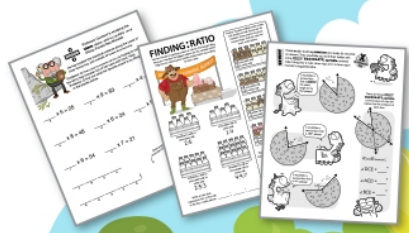
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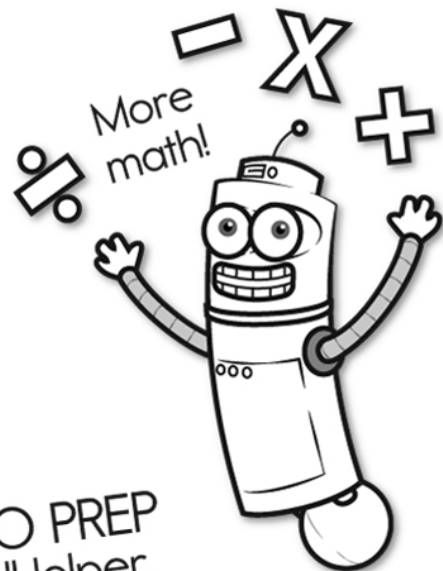
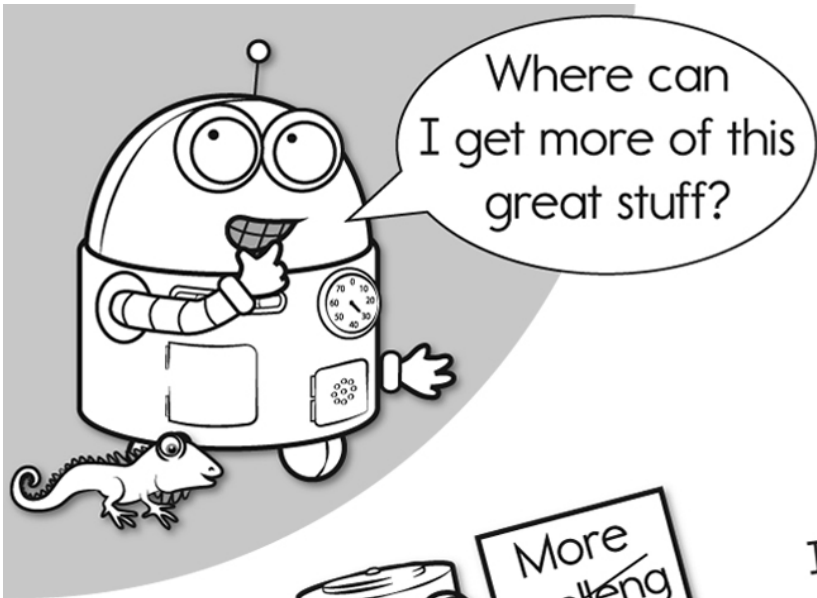
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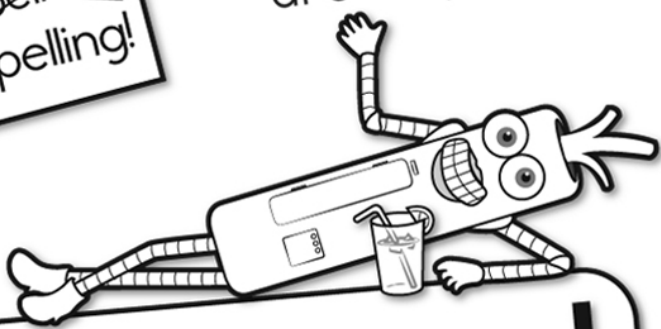


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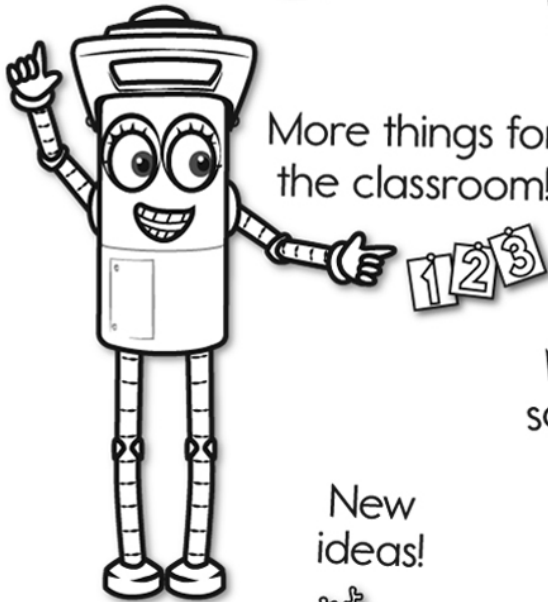
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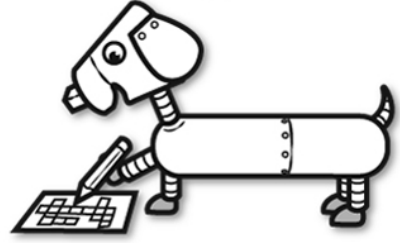


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x = - ÷ < - >

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