

Name: _____

$$|-10| - v = 5$$

$$v =$$

Simplify.

$$\frac{6,400}{28,800} =$$

40, 48, _____, 64, 72, 80,

88, 96, 104

7, 8, $7\frac{1}{4}$, $8\frac{1}{4}$,
_____, $8\frac{1}{2}$, $7\frac{3}{4}$,
 $8\frac{3}{4}$, 8, 9

What is the remainder of
22 divided by 5?

If $a = 7$ and $b = 9$,
then
 $3a + b =$

$$6 + 10 + 2 - 11 + 2$$

If $h = -5$ and $x = 45$ then
what is the value of t ?
 $11h - 11x + 4x = t$

$$6 + (48 \div 6) - 15 \div 5 =$$

$$0.0005 \times 0.2$$

$$3 + 7 \times 8 - 1 - 10$$

$$\frac{2}{5} \times \frac{7}{9}$$

Name: _____

Cross off the number that does NOT belong.

24, 24, 27, 31, 30, 38, 33, 45, 36, 52, 39, 59, 58, 42, 66

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

9, 63, 72, 251, 504, 513, 3591

Why does _____ not belong in the pattern?



Name: _____

Get a fidget spinner! Spin it.

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

$$(3 \times 9 - 7) + 81 \div 9 = \underline{\hspace{2cm}}$$

$$(3 + 10) + 10 = \underline{\hspace{2cm}}$$

$$9 \times 2 + (8 - 3) - 5 + 1 = \underline{\hspace{2cm}}$$

$$5 - 5 + 1 = \underline{\hspace{2cm}}$$

$$6 \times 9 - 6 - 6 - 7 + 2 + 8 = \underline{\hspace{2cm}}$$

$$12 + 11 \times 1 = \underline{\hspace{2cm}}$$

$$4 - 2 \times 2 + 7 + 1 = \underline{\hspace{2cm}}$$

$$(9 - 9) + 9 = \underline{\hspace{2cm}}$$

$$9 \times 5 + 9 \times 1 = \underline{\hspace{2cm}}$$

$$4 + 6 - 5 = \underline{\hspace{2cm}}$$

$$5 \times 5 + 36 \div 12 + 28 \div 4 = \underline{\hspace{2cm}}$$

$$45 \div 9 + 7 = \underline{\hspace{2cm}}$$

$$5 \times 4 \times 2 + 2 = \underline{\hspace{2cm}}$$

$$12 + 4 \times 9 = \underline{\hspace{2cm}}$$

$$8 + 132 \div 11 \times 3 - 2 \times 9 + 7 = \underline{\hspace{2cm}}$$

$$(1 + 11) - 2 = \underline{\hspace{2cm}}$$

$$5 + 99 \div 9 + 6 \times 1 = \underline{\hspace{2cm}}$$

$$2 \times (3 + 7) = \underline{\hspace{2cm}}$$

$$6 \times 9 + 20 \div 5 = \underline{\hspace{2cm}}$$

$$4 + 11 + 6 \times 7 = \underline{\hspace{2cm}}$$

$$5 + (7 \times 8 - 1) = \underline{\hspace{2cm}}$$

$$5 + 7 - 5 = \underline{\hspace{2cm}}$$

$$9 \times 7 - 4 \times 2 = \underline{\hspace{2cm}}$$

$$12 \times 9 + 11 = \underline{\hspace{2cm}}$$

$$8 + 30 \div 6 + 9 - 3 - 9 + 6 = \underline{\hspace{2cm}}$$

$$8 + 4 - 12 = \underline{\hspace{2cm}}$$

$$6 \times 6 + 7 - 7 - 8 + 2 = \underline{\hspace{2cm}}$$

$$9 + 1 - 7 = \underline{\hspace{2cm}}$$

$$1 \times 4 + 48 \div 8 = \underline{\hspace{2cm}}$$

$$4 \times 7 + 11 = \underline{\hspace{2cm}}$$

$$3 - 1 + 100 \div 10 = \underline{\hspace{2cm}}$$

Name: _____

<p>Rose used an entire 26-yard roll of masking tape to make a cardboard house for her little sister. How many inches of masking tape did she use?</p>	<p>Wendy spends $1\frac{1}{3}$ hours each day working on her homework. How many hours does she work on homework in 7 days?</p>	<p>The monthly premiums for Mr. Martin's life insurance are \$17.47. At that rate, what is the yearly cost for Mr. Martin's life insurance?</p>
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<p>Here is a pattern of letters: F F F F F F F F F F ...</p> <p>What letter will be the 29th term in the pattern?</p>	<p>13 km = _____ m</p>	$\begin{array}{r} 80 \\ - 49 \\ \hline \end{array}$
	$\begin{array}{r} 278 \\ + 208 \\ \hline \end{array}$	

<p>$12 \times 10 =$</p>	<p>Rewrite these in increasing order of length: 48 m, 876 mm, 7 km, 435 cm, 691 dm</p>	<p>$24 \div 4 =$</p>
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<p>Circle the digit in the hundredths place. 841.77</p>	<p>$30 \div 5 =$ _____</p>
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Name: _____

<p>1 kg = 1,000 g</p> <p>13 kg = _____ g</p>	<p>Rosa is older than Anne. Anne is older than Sarah. Who's the oldest?</p>	$\begin{array}{r} 32 \\ + 42 \\ \hline \end{array}$
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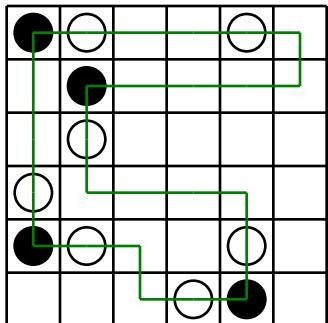
<p>Which is the better buy? Five bags of candy for \$15 or seven bags of candy for \$56?</p>	<p>$7 \times 5 =$ _____</p>	$\begin{array}{r} 398 \\ - 180 \\ \hline \end{array}$
	<p>$5 \times 8 =$ _____</p>	

<p>Holly and her little sister, Amy, both have birthdays on the same day. Holly is eight years old. Amy is six years old. Did you know that Holly was once double the age of Amy? How many years ago was that?</p>	<p>Write the numbers 60 to 80 on a sheet of paper. How many of these numbers are divisible by 8?</p> <p>_____</p>
--	---

<p>Can 880 be evenly divided by 11? Circle: 880 is evenly divisible by 11 880 is NOT evenly divisible by 11</p>	<p>$48,893 + 42,387 =$ _____</p>	
	<p>$27 \div 3 =$ _____</p>	<p>$28 \div 4 =$ _____</p>
	<p>$8 \times 8 =$ _____</p>	

<p>How many yards are in 6 feet?</p> <p>_____ yards</p>	<p>$11 \times 8 =$ _____</p>
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Name: _____

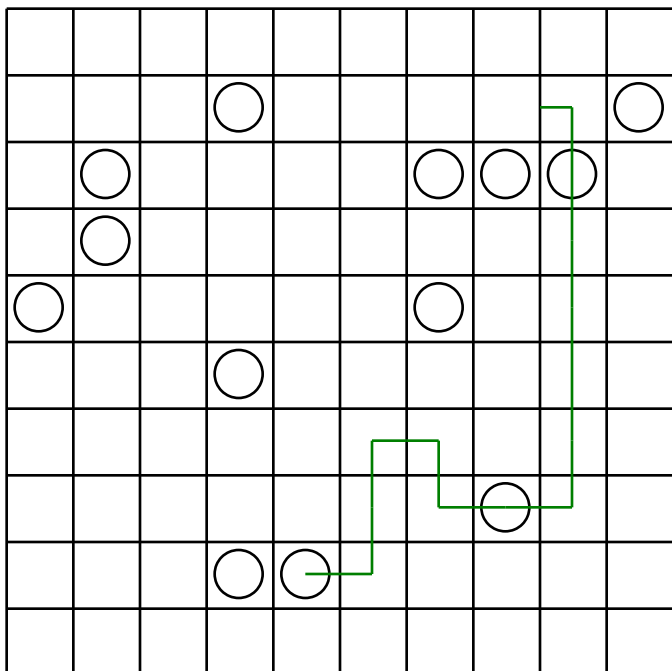


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

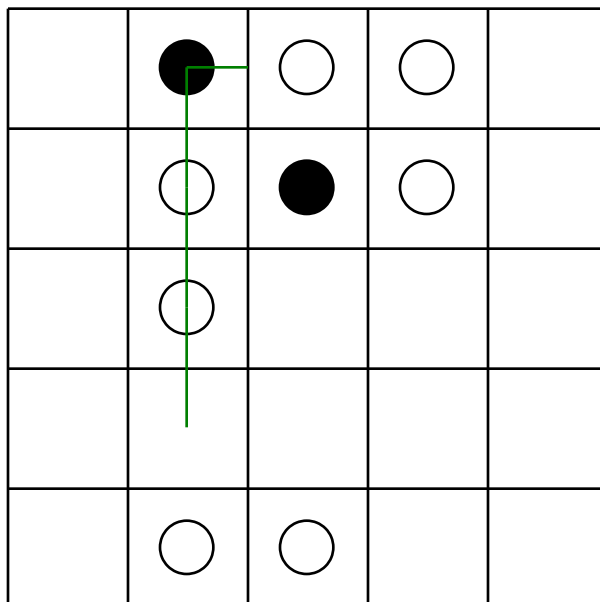
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



Write 3,365,973 in words.

$30 \div 3 =$

If you divide 92 by 5, you get a remainder of 2.
Make up three other different equations where you divide by 5 and get a remainder of 2.

$3 \times 7 =$ _____

$14 \div 7 =$ _____

$12 \times 8 =$ _____

Name: _____

$$3 \cdot 0 \cdot 3 \cdot = \cdot 5 \cdot 9 \cdot 5 \cdot 0 \cdot = \cdot 5 \cdot 2 \cdot 4 \cdot 1 \cdot \div \cdot 3 \cdot 9$$

$$\div \cdot = \cdot 3 \cdot 6$$

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

The puzzle grid contains the following pieces:

- Top row: 9
- Row 2: 0 x = 0
- Row 3: 1 4
- Row 4: 3 x 0 = 0
- Row 5: 5 5 ÷ 7
- Row 6: = 6 x 6
- Row 7: 5 1
- Row 8: 2 ÷ 4
- Row 9: 1 1 7
- Row 10: 8 ÷ = 8
- Row 11: 9
- Row 12: = 3 = 3
- Row 13: 7
- Row 14: 9 x 7 = 6

Other pieces from the top section:

- 8 x = 2 4
- x x
- 7 2
- = =
- 6 6
- 6 ÷ 3 =
- ÷
- 8

Eight-ninths of the children in Clark's class want to go outside. If Clark agrees with the majority, will the class stay inside or go outside?

Circle the addition property for $53 + 61 = 61 + 53$.
 associative property
 commutative property

$$6 \times 12 =$$

$$991 - 962 =$$

$$99 \div 11 =$$

$$2,575 + 1,573 =$$

Name: _____

Find the way from START to END by passing through EVERY number that is a multiple of fifteen exactly ONCE. Cross off each box that is NOT a multiple of fifteen. Yes, that means you have to go through ALL the multiple of fifteen boxes. Wow!

You are not allowed to go diagonally. Good luck!

START	810	345	15	660	693	602	877	859	908
975	240	750	795	45	0	923	272	599	71
735	345	195	90	165	285	739	480	720	255
418	945	810	885	915	818	507	60	810	15
260	510	375	135	615	210	525	960	0	839
430	859	840	630	840	180	840	870	885	735
489	517	120	405	330	495	375	525	809	90
188	338	810	765	645	930	315	195	991	300
564	48	944	614	300	210	135	45	377	975
479	14	131	961	960	405	120	975	462	END

Name: _____

Here is a chart on turns to help you answer the questions.

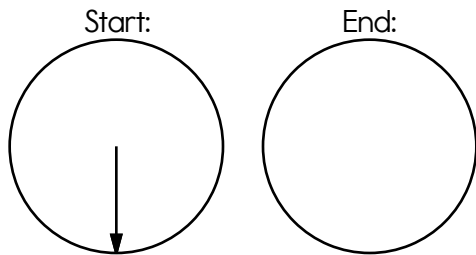
A $\frac{1}{4}$ turn is 90° .

A $\frac{1}{2}$ turn is 180° .

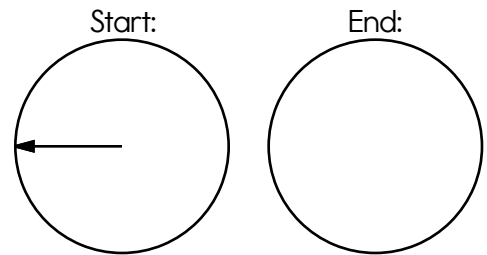
A $\frac{3}{4}$ turn is 270° .

A full turn is 360° .

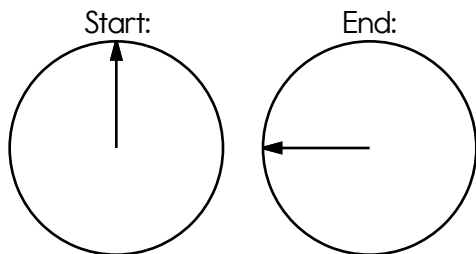
From the start position the pointer turns $\frac{3}{4}$ clockwise. Draw the arrow for the end position.



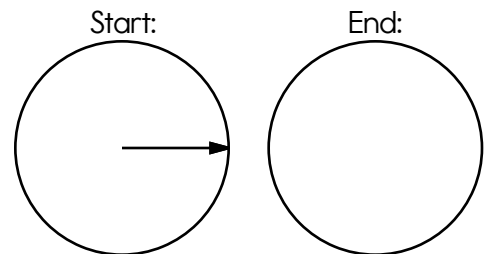
From the start position the pointer turns $\frac{3}{4}$ clockwise. Draw the arrow for the end position.



The start and end positions are shown. Explain the turn that was made.



From the start position the pointer turns 90° clockwise. Draw the arrow for the end position.



An angle that is 82 degrees is

between a -turn and a -turn.

Two right angles equals a -turn.

Ashley is playing a game. She stands in the middle of a circle.

At the start of the game she faces east.

Then she makes a $\frac{1}{2}$ -turn counterclockwise.

In which direction is she now facing?

Name: _____

Can you figure out the value of the letter?

$$9a + 7 = 16$$

first subtract 7 from both sides
then divide each side by 9

$$9a + 7 - 7 = 16 - 7$$

$$9a = 9$$

$$9a \div 9 = 9 \div 9$$

$$a = 1$$

$$\text{Double check: } (9 \times 1) + 7 = 16$$

$$7b + 7 = 70$$

first subtract 7 from both sides
then divide each side by 7

$$b = \underline{\quad}$$

$$\text{Double check: } (7 \times \underline{\quad}) + 7 = 70$$

$$4d - 8 = 0$$

first add 8 to both sides
then divide each side by 4

$$d = \underline{\quad}$$

$$\text{Double check: } (4 \times \underline{\quad}) - 8 = 0$$

$$7g + 8 = 57$$

first subtract 8 from both sides
then divide each side by 7

$$g = \underline{\quad}$$

$$\text{Double check: } (7 \times \underline{\quad}) + 8 = 57$$

$$5k - 41 = 4$$

first add 41 to both sides
then divide each side by 5

$$k = \underline{\quad}$$

$$\text{Double check: } (5 \times \underline{\quad}) - 41 = 4$$

$$6h + 4 = 22$$

first subtract 4 from both sides
then divide each side by 6

$$h = \underline{\quad}$$

$$\text{Double check: } (6 \times \underline{\quad}) + 4 = 22$$

Name: _____

264 is what percent of 352?

Find 50% of 310.

Change to percents.

0.70 = _____

0.36 = _____

0.98 = _____

0.01 = _____

0.87 = _____

Change 0.73 to a percent.

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

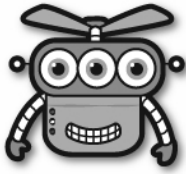
34 is what percent of 136?

Change 0.33 to a percent.

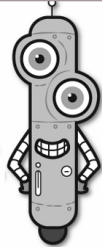
Change 35% to a decimal
and a fraction expressed in
its lowest terms.

Find 50% of 244.

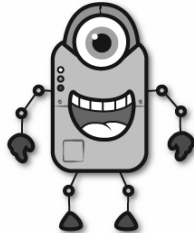
Name: _____



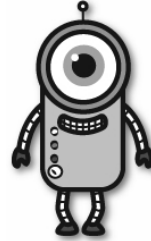
Jack



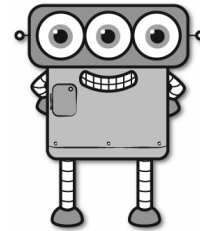
Anna



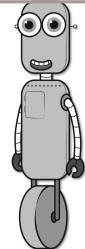
Emily



Justin



Robert



Rose

Facts

Anna is thirty years older than Jack.

Jack is six years old.

Justin is sixty-four years older than Jack.

Emily is twice as old as Jack.

Rose is four years older than Emily.

Robert is thirty-seven years older than Anna.

How old is Jack? _____

How old is Anna? _____

How old is Emily? _____

How old is Justin? _____

How old is Robert? _____

How old is Rose? _____

$868 - 696 =$ _____

Circle the smallest number:

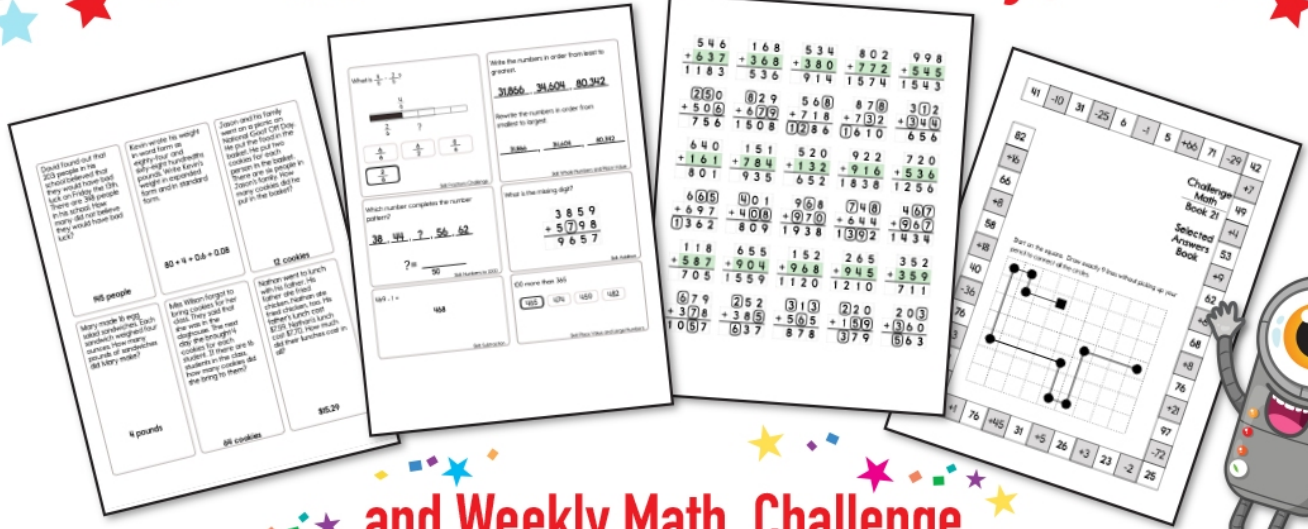
328,970

580,492,317

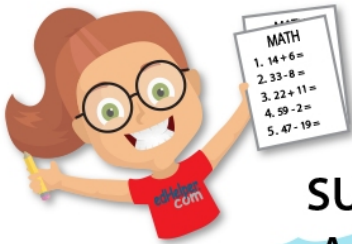
4,015,632,987

46,153,194

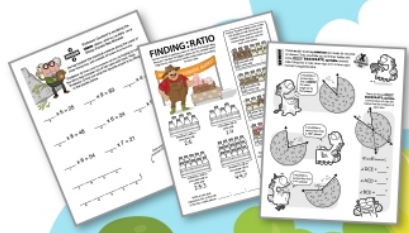
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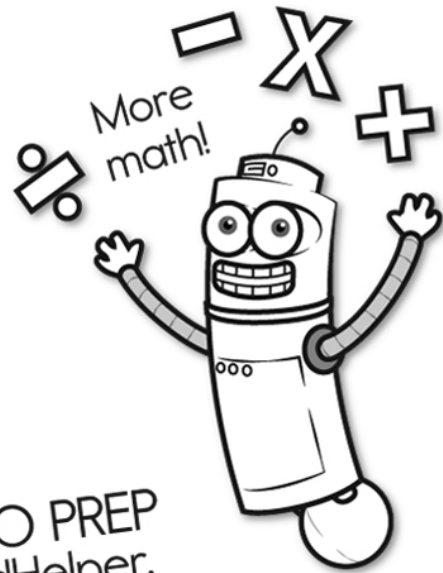
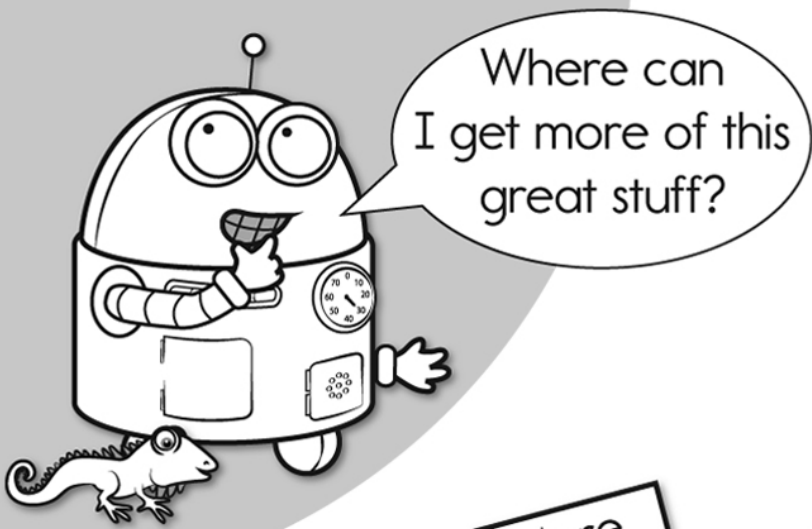
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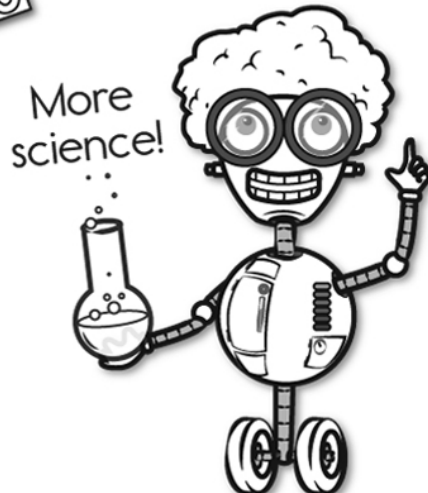
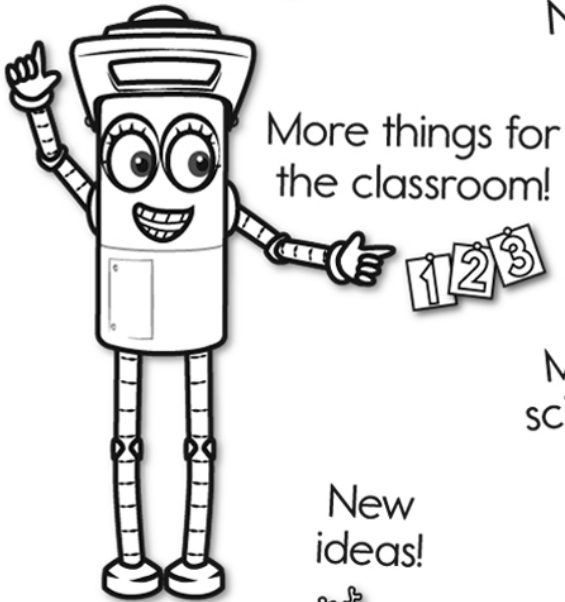
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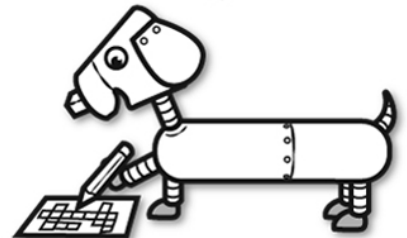
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