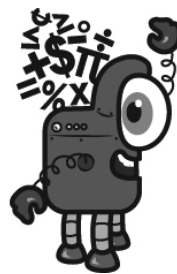


Name: _____

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?

Mental Math



edHelper

= Do it
in your
head!

imagine 5 in your head

add 9

Write the number.

A B

imagine 2 in your head

add 1

add 6

Write the number.

C

imagine 7 in your head

double it

add 7

Write the number.

D E

imagine 2 in your head

add 7

subtract 2

Write the number.

F

What is the sum?

$A + B + C + D + E + F$

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

_____ n t - _____ u _____

6 after 14 _____

3 before 15 _____

7 after 16 _____

3 after 17 _____

8 before 16 _____

9 after 12 _____

4 after 19 _____

9 before 14 _____

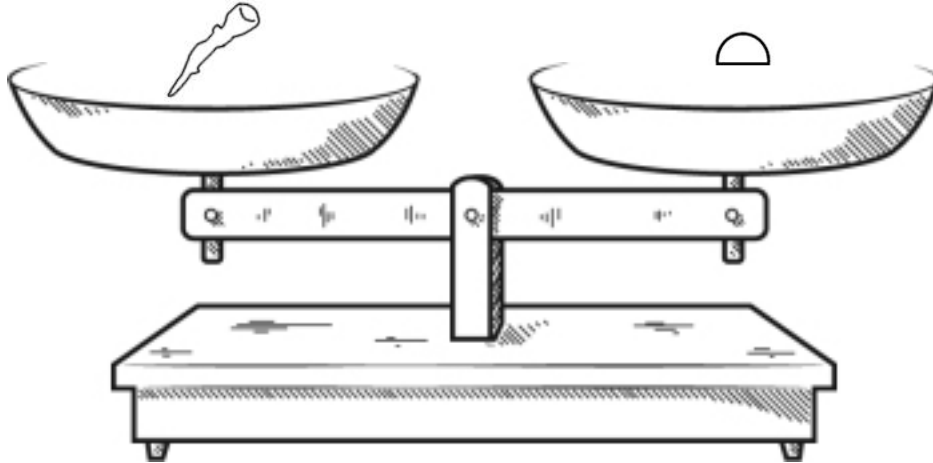
8 after 11 _____

5 after 18 _____

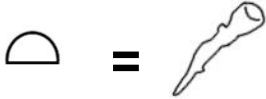
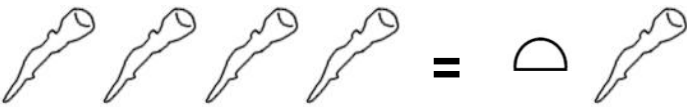
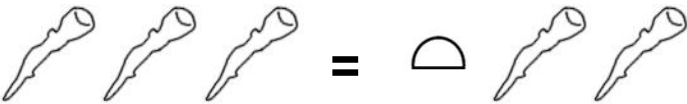
1 before 13 _____

1 after 15 _____

Name: _____



Look at the balance. What does it tell you? Write a sentence to explain.

☐ True☐ False☐ True☐ False☐ True☐ False☐ True☐ False

Did you find that two are true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

	1	5
+		8
<hr/>		

47, 48, ____, ____, ____, 52

Which number should
replace the third blank?

How much is this?



Name: _____

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

D, H, L, P, T, ____

A, E, I, M, ____, U, ____

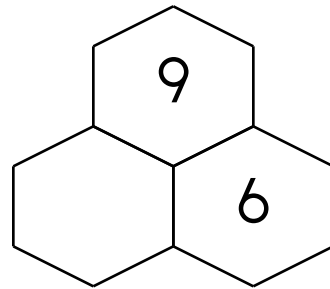
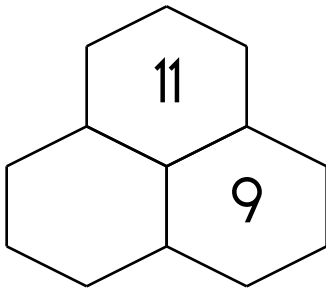
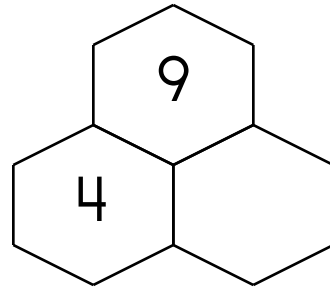
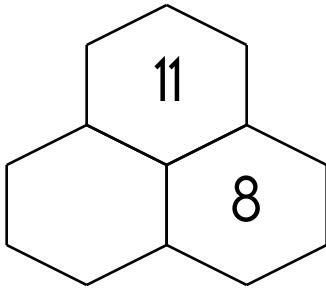
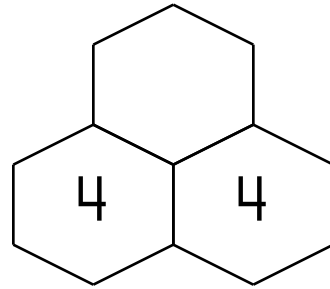
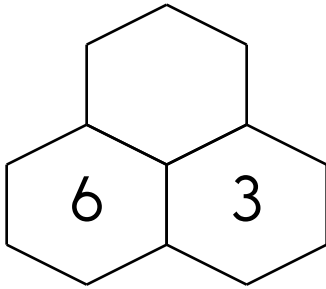
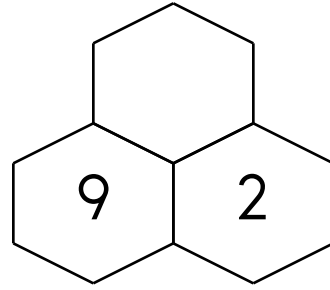
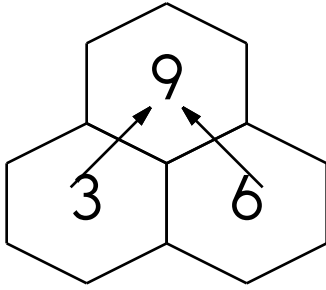
Complete each pattern, using the same rule. Write what the rule is.

D, F, H, J, L, ____, ____, R, T, V, X, Z

E, G, I, K, ____, ____, Q, S, U, ____, ____

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



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

8, 16, 24, _____, 40, 48,
56, 64, 72, 80

$$24 - \underline{\quad} = 21$$

Name: _____

Complete the pattern.

5	10	15	20	25	30	35	<u> </u>
---	----	----	----	----	----	----	---------------

4	8	12	16	20	24	28	<u> </u>
---	---	----	----	----	----	----	---------------

1	2	3	4	5	6	7	<u> </u>
---	---	---	---	---	---	---	---------------

2	4	6	8	10	12	14	<u> </u>
---	---	---	---	----	----	----	---------------

Complete the pattern.

3	6	9	12	15	18	<u> </u>	<u> </u>
---	---	---	----	----	----	---------------	---------------

12	16	20	24	28	32	<u> </u>	<u> </u>
----	----	----	----	----	----	---------------	---------------

25	30	35	40	45	50	<u> </u>	<u> </u>
----	----	----	----	----	----	---------------	---------------

Name: _____

Complete the pattern.

4	6	8	10	12			
---	---	---	----	----	--	--	--

4	5	6	7	8			
---	---	---	---	---	--	--	--

6	9	12	15	18			
---	---	----	----	----	--	--	--

12	15	18	21	24			
----	----	----	----	----	--	--	--

Complete the pattern.

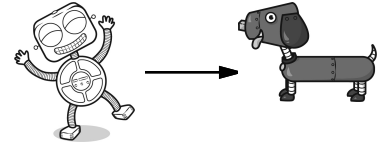
15	20	25	30	35			
----	----	----	----	----	--	--	--


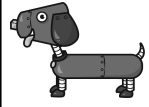
20	24	28	32	36			
----	----	----	----	----	--	--	--

5	6	7	8	9			
---	---	---	---	---	--	--	--

Name: _____

Help Robot find Rover. Color the boxes with odd sums to make a path.



	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

M O G R E E N D
 O R M M U T U
 R A Y Y S H M R
 N N S W E O A I
 I G E E T S K N
 N E L E E E E G
 G S F D N N O W
 T O G E T H E R

Write the words found.

TOGETHER _____

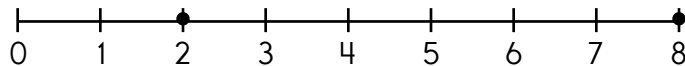
NOW _____

I ran home from the park.

I ran home from the park.

Write the missing sign.

$$7 \text{ ____ } 3 = 10$$



$$2 + \text{ ____ } = 8$$

zero

Name: _____

i e k y n o w i o e m e
 m e e e n e e n l t e n
 n o m w g r e e n d n m
 x y y e t m n n n o r o
 c y s e i k e n n g r r
 e i e d e h e e k m e n
 g m l t o g e t h e r i
 t q f m d g e i u s e n
 t m e y m a k e v n n g



green



together



10

ten



my↓

morning
 weed
 myself

use
 now
 make

Name: _____

Solve the story using the clues. Fill in the chart using Y for yes or N for no.



apple



pear



watermelon



grapes



David

		N By clue 1.	
		N By clue 1.	
N By clue 1.	N By clue 1.	Y By clue 1.	N By clue 1.
		N By clue 1.	



Kevin



Anna



Destiny

The Story

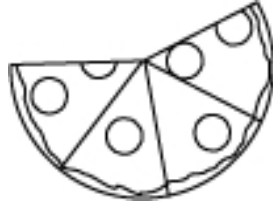
In class each student was given one fruit to try. Figure out which fruit each student tried.

The Clues

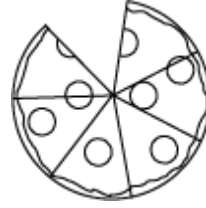
1. Anna did not eat the peel on her fruit. It wouldn't taste good!
2. The person who tried the apple is either Destiny or Kevin.
3. Destiny did not try the pear.
4. Kevin did not try the pear.
5. Destiny did not try the grapes.

Name: _____

Solve the story using the clues. Fill in the chart using Y for yes or N for no. The pizza slices in the picture show how many slices each person ate.



4 slices



6 slices



7 slices



Austin



Natalie



Emily

	4 slices	6 slices	7 slices
Austin			
Natalie			
Emily			

The Story

Three people ate pizza. Can you figure out how many slices each person ate?

The Clues

1. Austin ate more than 6 slices of pizza.
2. Natalie ate less than 6 slices of pizza.

Name: _____

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

V, ____, ____, P, N, L, J, H, F, D, B

Y, W, U, S, ____, O, M, K, ____

Complete each pattern.

6, D, 6, D, 6, D, 6, D, ____, ____, 6, D

5, A, 5, A, 5, A, 5, A, 5, A, ____, A, 5

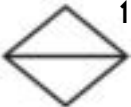
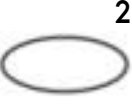

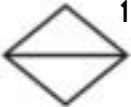
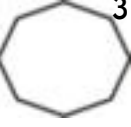
H, o, M, a, H, o, M, a, H, o, M, a, H, ____, ____, a

Name: _____

Each row, column, and box must have the numbers 1 through 4. The first box is done.

1	4		
2	3		
		4	
	1	3	

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

	 1	 2	
 4			 1
	 3		

Name: _____

Solve the story using the clues. Fill in the chart using Y for yes or N for no.

3 1 2



Jonathan



Victoria



Jennifer

The Story

Three kids ran a race against each other. In what order did they finish?

The Clues

1. A boy finished third.
2. Jennifer was not the first place runner.

Name: _____

Cross off the number that does NOT belong.

7, 14, 21, 28, 35, 42, 45, 49

Why does _____ not belong in the pattern?










Cross off the letter that does NOT belong.

D, H, L, P, R, T, X

Why does _____ not belong in the pattern?

Name: _____




Puzzle:



			16
			12
			8
11	14	11	+

Work Area:










			16
			12
			8
11	14	11	+

The sum for each column and row is given.

 = _____
  = _____
  = _____

 = _____
  = _____

Puzzle:

			4
			12
			8
12	4	8	+

Work Area:

			4
			12
			8
12	4	8	+

The sum for each column and row is given.


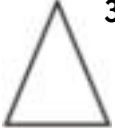

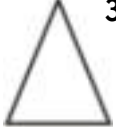


 = _____
  = _____
  = _____

Name: _____

Each row, column, and box must have the numbers 1 through 4. The first box is done.

3	1		2
4	2		1
1	3		

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

2 	3 		
	4 	3 	
	2 		4 

Name: _____

Sudoku Sums of 9

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 9.

Here is an example of a sudoku sum of 9:

2	7
---	---

		3			1
	5				
3				6	4
6			2		
				2	
	4				

What is ten more than 84?

Circle all the ways to make 14.

$9 + 7$ $6 + 8$ $5 + 9$
 $5 + 8$ $10 + 4$ $7 + 7$

$$9 + 9 + 2 = \underline{\hspace{2cm}}$$

$$9 + 9 + 3 = \underline{\hspace{2cm}}$$

$$8 + 1 = \underline{\hspace{2cm}}$$

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

Double four.

$$13 = 3 + 10$$

$$17 = \underline{\hspace{2cm}} + 10$$

Name: _____

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

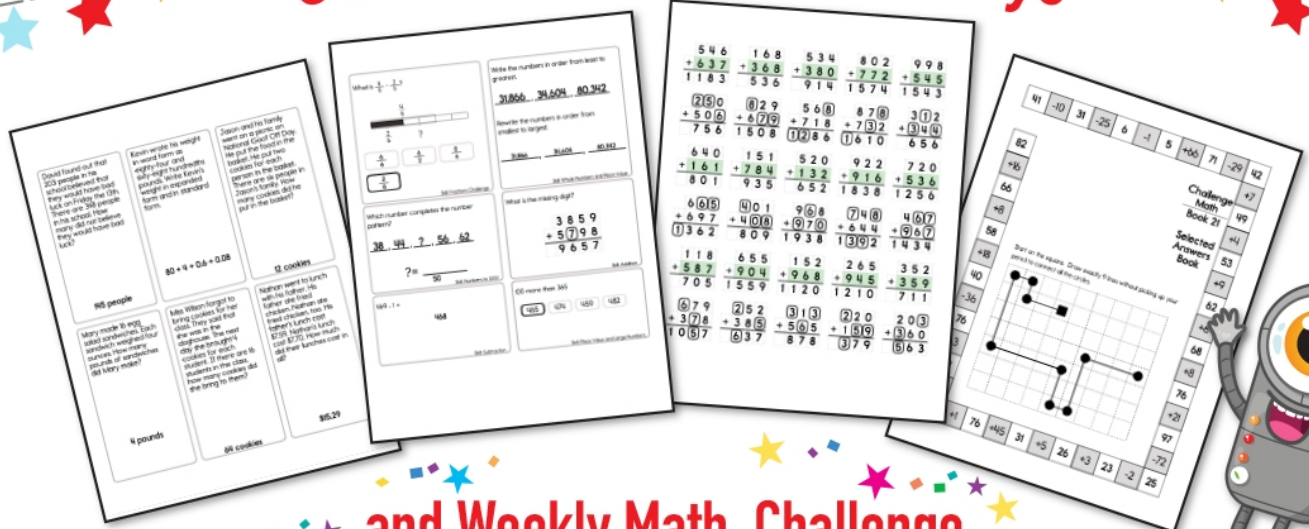
			6		
		5		4	
			3		
2					
	4				6
	6			2	1

drip • wife • front • grew • stripe • cart

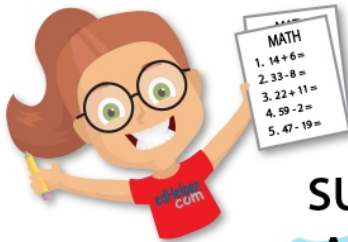
Each row, column, and box must have all the words from the word list. Write in the missing words.

	cart			wife	
			cart		drip
	front	wife			
	wife	stripe			cart
front					grew

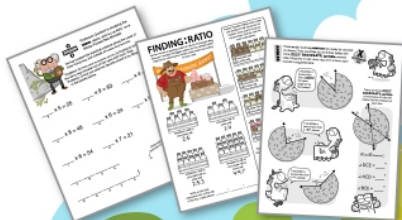
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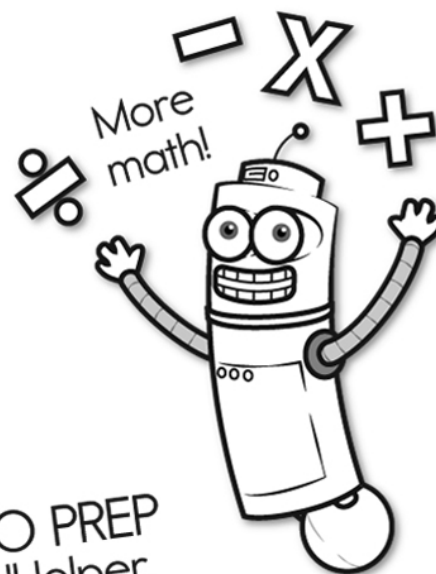
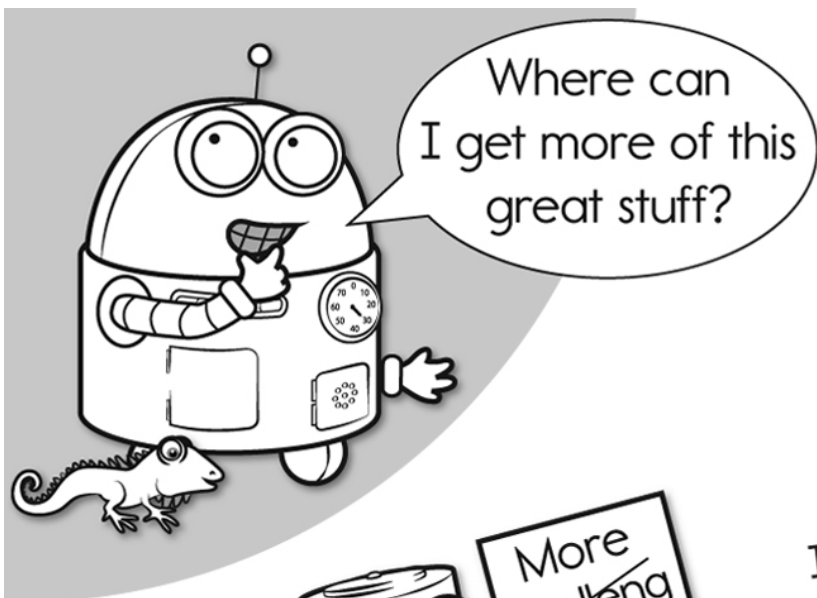
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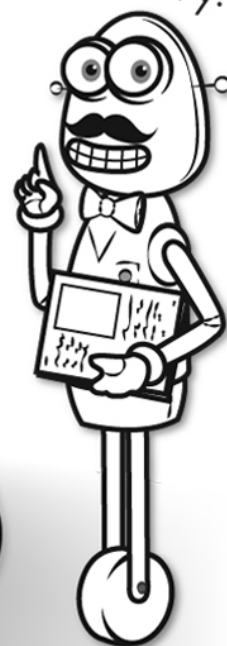


It's NO PREP at edHelper.

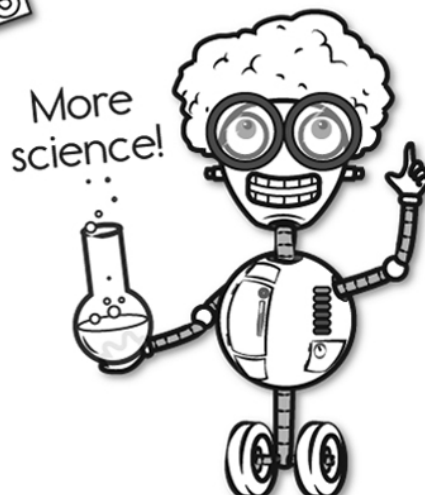
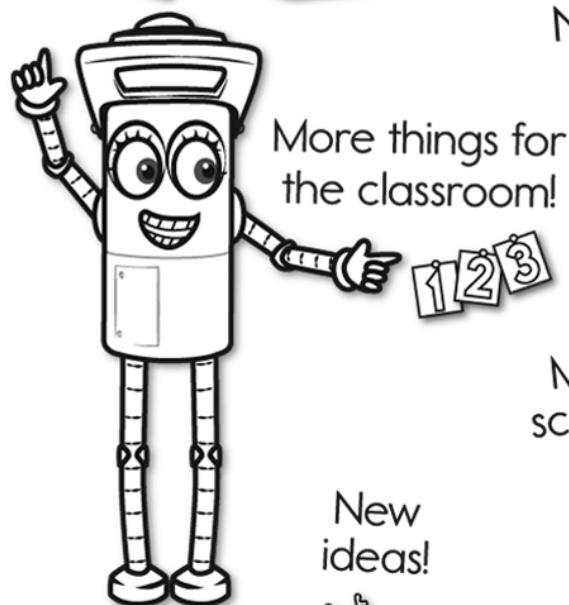
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