

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

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

If

$$1, 10 = 10$$

$$2, 14 = 28$$

$$3, 19 = 57$$

$$4, 22 = 88$$

Then

$$5, 26 = ?$$

If

$$4, 6 = 24$$

$$5, 8 = 40$$

$$6, 13 = 78$$

$$7, 16 = 112$$

Then

$$8, 21 = ?$$

Complete each pattern. Write what the rule is.

124.8	114.4	104
93.6	83.2	
62.4	52	
31.2		10.4

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Which two of these numbers have a product of 3.844?

5.9

4.4

0.062

0.044

0.44

0.059

6.2

0.62

Write  $\frac{8}{12}$  in lowest terms.

$$36 + n = 48$$

Write the missing family fact.

$$15 \times 6 = 90$$

$$90 \div 15 = 6$$

$$6 \times 15 = 90$$

It was 4 degrees above zero in the morning. By afternoon the temperature rose 23 degrees. How warm was it?

35, 43, 51, 59, 67,  
\_\_\_\_\_, 83

The radius of a circle is 449 cm. What is the diameter of this circle?

$$1 \text{ cm} = 10 \text{ mm}$$

$$6 \text{ cm} = \text{_____} \text{ mm}$$

$$(3 + 7) + 4 =$$

$$56 \div 8 = \text{_____}$$

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

Sarah rode her bike for 30 minutes. She went 3.65 miles. What is her speed in miles per hour?

Sketch an acute angle  
named  $\angle ABC$ .

Sketch an obtuse angle  
named  $\angle CDE$ .

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

$$10 - 48 \div 8$$

100, 105, 110, 115, 120,  
\_\_\_\_\_, 130

A rectangle is 51 cm on  
one side and 9 cm on  
another side. What is the  
perimeter?

$$8 \times 10 = \underline{\hspace{2cm}}$$

Jessica rolls a die. What is  
the chance of her rolling a 3?

$$24 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

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<p>Columbus would have taken some live animals aboard for food sources. If there were one hundred thirty-five animals, of which seventy-five were rabbits and the rest were chickens, what percentage of the animals were chickens? Round your answer the nearest percent.</p>	<p>Mrs. Jackson purchased pizzas for the children who took part in the Marks School Science Fair. Each pizza cost \$6.27. Twenty-two students each ate <math>\frac{3}{4}</math> of a pizza, and 11 students each ate <math>\frac{1}{2}</math> of a pizza. How much did it cost to buy pizzas for the students?</p>	<p>The fifth grade class baked ten dozen brownies for the bake sale. Each brownie was a two inch square. They put four brownies in each package. What was the total area of the four brownies?</p>
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<p>18% of 100 is 18. 18% of 200 is 36. 18% of 500 is 90.</p> <p>What is 18% of 800?</p>	$\begin{array}{r} 327 \\ + 234 \\ \hline \end{array}$	<p>8 x 10 =</p>	$\begin{array}{r} 54 \\ - 35 \\ \hline \end{array}$
		$\begin{array}{r} 935 \\ - 724 \\ \hline \end{array}$	

$\begin{array}{r} 29 \\ + 33 \\ \hline \end{array}$	<p>76,314 - 32,496 = _____</p>	<p>132 ÷ 12 =</p>
	<p>8,459 + 1,484 = _____</p>	
<p>6 ÷ 2 = _____</p>		



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

The vowels are missing in the word search.  
Fill in the missing vowels and circle the words.

□	H	C	□	M	□	N	T	□	□
□	□	M	P	R	□	S	□	N	R
□	D	□	S	C	R	□	B	□	□
B	□	R	□	M	□	T	□	R	□
□	P	□	R	T	M	□	N	T	□
M	□	M	□	C	C	L	I	M	B
□	N	S	□	L	F	□	S	H	□
R	□	S	P	□	C	T	□	R	□
W	R	□	M	□	M	B	□	R	C
H	R	□	□	N	F	□	R	C	□

CEMENT • CLIMB • IMPRISON  
DESCRIBE • UNSELFISH • MIMIC  
APARTMENT • REMEMBER • RESPECT  
BAROMETER • REINFORCE

Rewrite these in increasing order of length:

213 m, 9 dm, 350 mm, 788 cm

If you divide 97 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.



$222 + 685 =$  \_\_\_\_\_

How many pounds are in 96 ounces?

\_\_\_\_\_ pounds

Three girls ran a race.  
Jessica was not as fast as Mary.  
Mary ran past April in the race and April never caught up.  
Who won the race? Do you have enough information to know?

Write the missing family fact.

$101 - 16 = 85$   
 $85 + 16 = 101$   
 $101 - 85 = 16$

$8,425 + 4,872 =$  \_\_\_\_\_

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### What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word

Sum

1 2 4 6 10 14  
V I S I T I N G

37

1 2 4 6 8 12 18  
A

1 2 4 6 12 18  
L O

Make a Word

Sum

1 2 4 6 10 16  
N E

1 2 4 6 10 14  
Q U

1 2 4 6 10 16 22  
O

$$8,414 - 2,348 = \underline{\hspace{2cm}}$$

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

$$5 \times 3 = \underline{\hspace{2cm}}$$

Can 648 be evenly divided by 8? Circle:  
648 is evenly divisible by 8  
648 is NOT evenly divisible by 8

What is the largest possible sum of a two-digit number and a three-digit number? Show the two numbers.

$$792 + 516 = \underline{\hspace{2cm}}$$

$$44 \div 11 = \underline{\hspace{2cm}}$$

$$120 \div 12 = \underline{\hspace{2cm}}$$

Circle the greatest number:

6,902,583

174,213

4,506

798,486,312



$$6,939 - 3,127 = \underline{\hspace{2cm}}$$

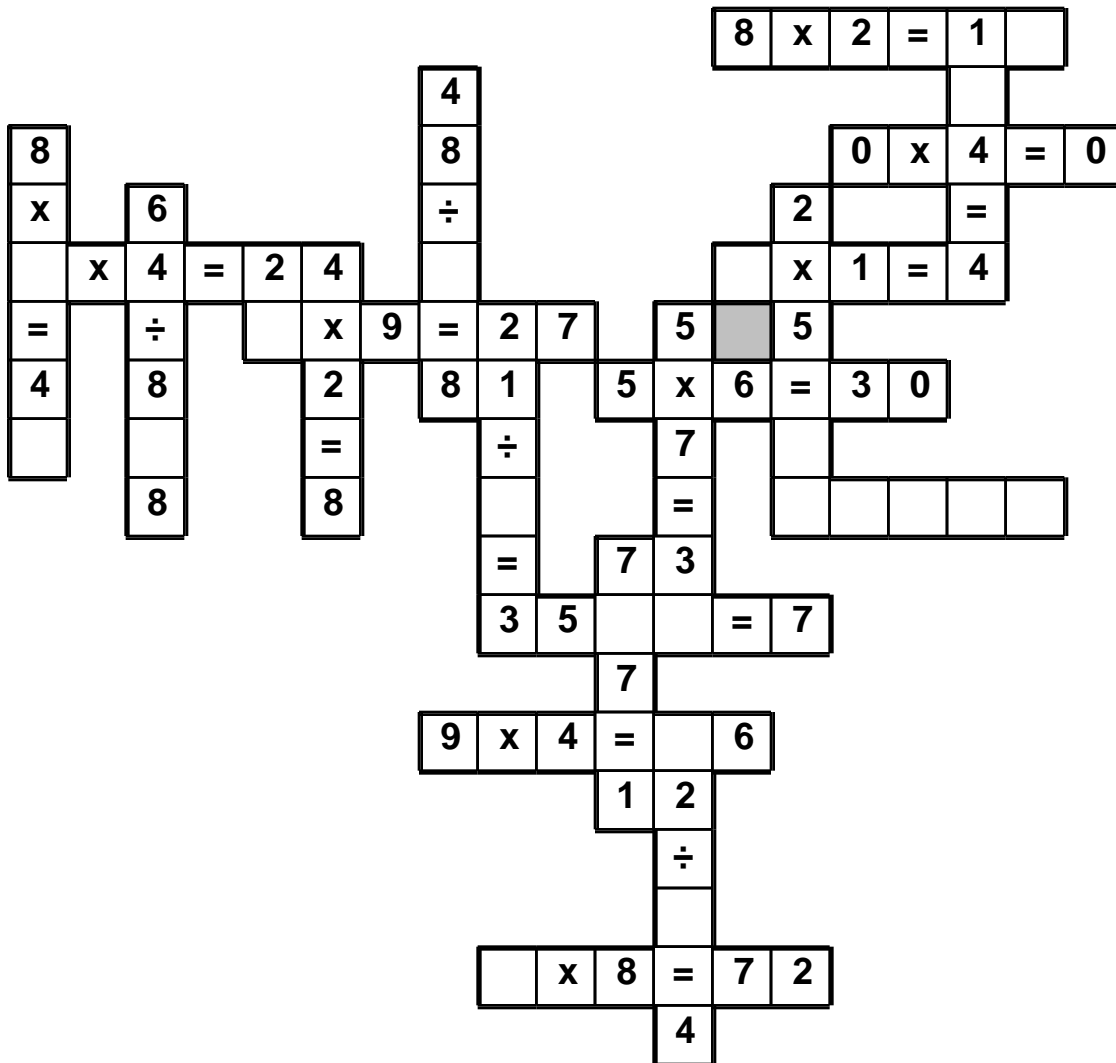
$$9 \div 3 = \underline{\hspace{2cm}}$$

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

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6 • x • 6 • 6 • 4 • 3 • 8 • = • 1 • 7 • 0 • ÷ • 5 • = • 0 • ÷  
5 • 3 • 8 • 9

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



$36 \div 12 =$  \_\_\_\_\_

$120 \div 12 =$  \_\_\_\_\_

$10 \times 5 =$  \_\_\_\_\_

$12 \times 9 =$  \_\_\_\_\_

What time is 13 hours after  
5:00 a.m.?

\_\_\_\_\_



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

Emily purchased 19 pieces of gum for \$0.07 each. What was the total cost of the gum?

It takes the new cutter machine only 0.7 minutes to cut the fabric for a tie. How long will it take the machine to cut the fabric for 750 ties?

Miss Martin made 12 blueberry fritters. She gave 4 to David and 1 to Eric. Write a fraction to describe the fraction of the fritters that are left.



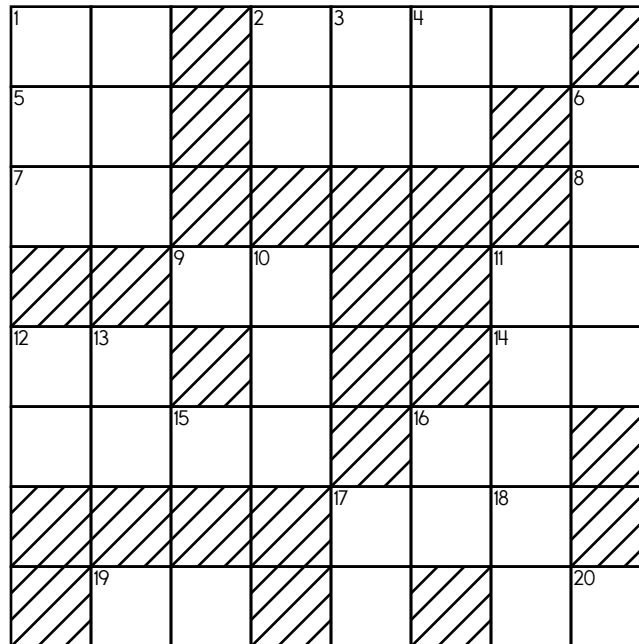
Name: \_\_\_\_\_

### ACROSS

1. One-fourth of 2-Down
4. One-seventh of 9-Across
5. One more than 4-Across
6. Eight less than 4-Down
7. Seven times 18-Down
8. Nine less than 18-Down
9. Nine less than 10-Down
11. Two less than 10-Down
13.  $8 + 8 = 2 \times \underline{\hspace{1cm}}$
14. 19-Across plus 13-Across
15. Nine more than 4-Down
16. Three less than 16-Down
19. Three times 4-Down

### DOWN

1. 15-Across plus 16-Down
2. 18-Down plus 17-Down
3. 2-Down plus 4-Across
4. One-third of 17-Down
10. Nickels in five dollars
12. One-seventh of 11-Across
13. Eight more than 7-Across
16. Six more than 9-Across
17. Three times 18-Down
18. Three more than 13-Across
20. Seven less than 1-Across



Write as a decimal.  
One hundred ninety-eight  
thousandths

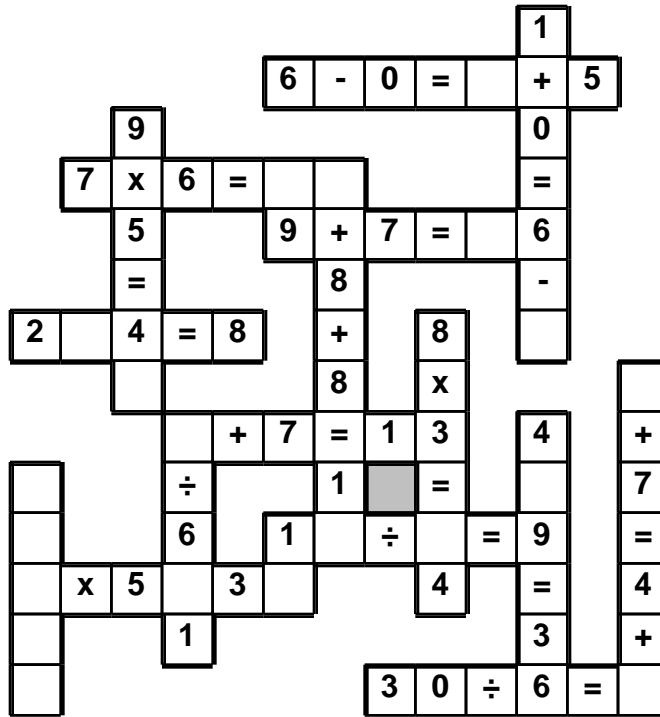
Write as a decimal.  
Thirteen and four tenths

Write as a decimal.  
Eight and thirty-one  
hundredths

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

1 • 4 • 2 • 1 • x • 5 • 5 • 2 • 6 • 1 • x • x • 8 • 2 • 6 • = • 0  
= • 6 • 5

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



Rewrite  $\frac{23}{25}$  as a decimal.

$$|-13| + d = 9$$

d =

$$(11 - 8) + 12 - 2 - 7$$

Convert  $34\frac{7}{8}$  to an improper fraction.

What is the greatest common factor of the numbers 75 and 45?

The letter V has an unknown value. If you multiply V by twelve, the product is three. What value does V have?

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In the Move Your Points App, Wendy started with a lot of points. Then she gave Megan  $\frac{2}{3}$  of her points. Wendy ended with a total of 35 points. How many points did Wendy start with?

$1\frac{5}{8}$

$2\frac{1}{2}$

$1\frac{7}{8}$

$2\frac{1}{3}$

$1\frac{2}{7}$

$2\frac{4}{5}$

$1\frac{4}{6}$

$1\frac{2}{3}$

Name two of the above numbers that have a sum of 4.

$56 \div 7 - 6$

How many centimeters in  
620.6 meters?

$3 + 5 \times 5$

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Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

7.9, 19.6, 8.1, 35.6, 63.3, 107, 205.9,  
376.2, 689.1, 1271.2, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

5.3, 23.8, 2.8, 31.9, 58.5, 93.2, 183.6,  
335.3, 612.1, 1131, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Complete each pattern. Write what the rule is for each pattern.

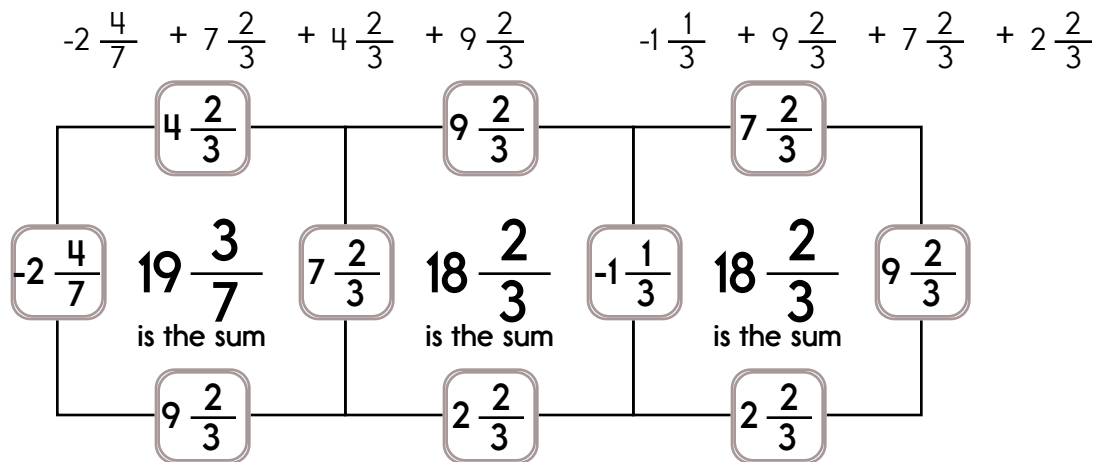
(1,549,681,956) , (172,186,884) , (19,131,876) ,  
(2,125,764) , (236,196) , (26,244) ,  
(2,916) , (324) , \_\_\_\_\_

(1,412,376,245) , (201,768,035) , (28,824,005) ,  
(4,117,715) , (588,245) , (84,035) , (12,005) ,  
(1,715) , (245) , \_\_\_\_\_

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

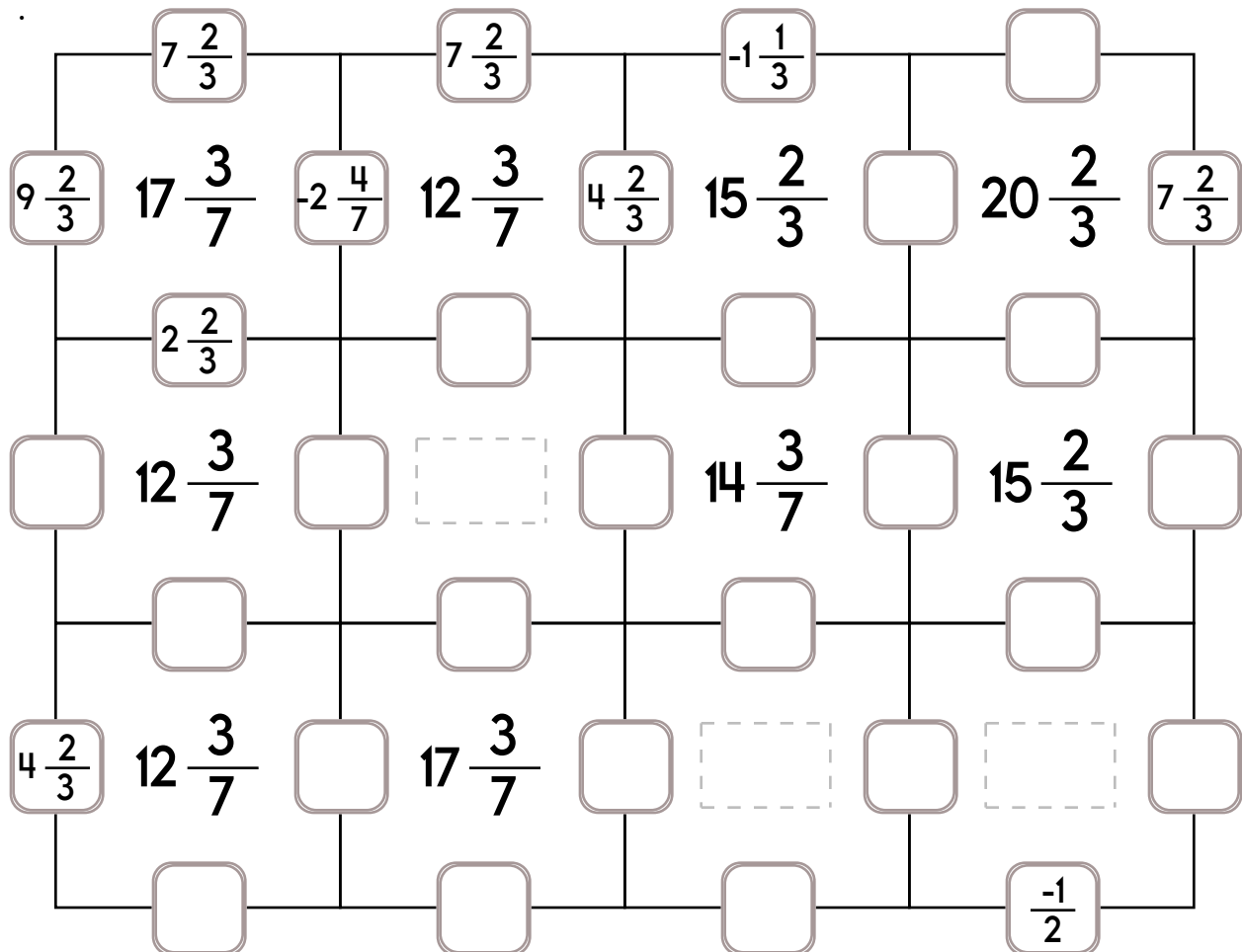
Sample:



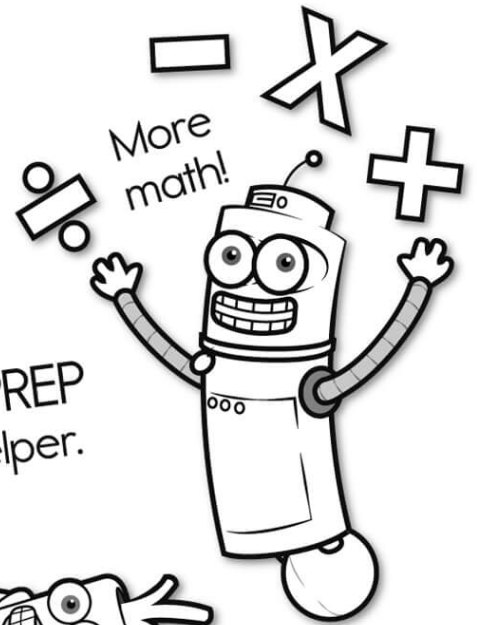
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers:  $-1\frac{1}{3}$ ,  $-2\frac{4}{7}$ , or  $-\frac{1}{2}$ .

The other three numbers have to all be DIFFERENT and must be from these:  $7\frac{2}{3}$ ,  $4\frac{2}{3}$ ,  $2\frac{2}{3}$ , or  $9\frac{2}{3}$ .







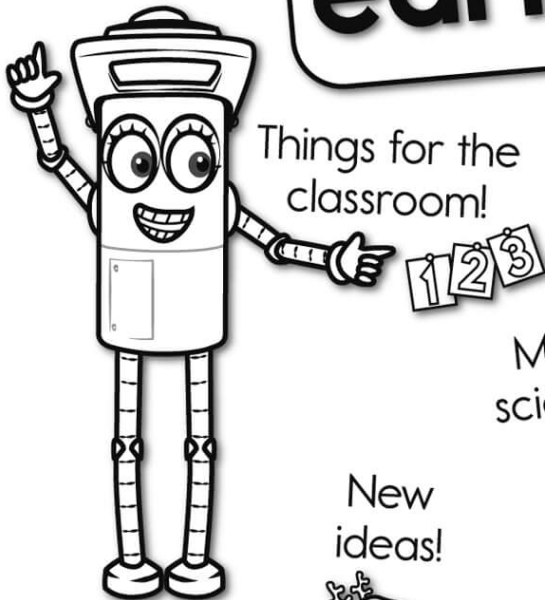
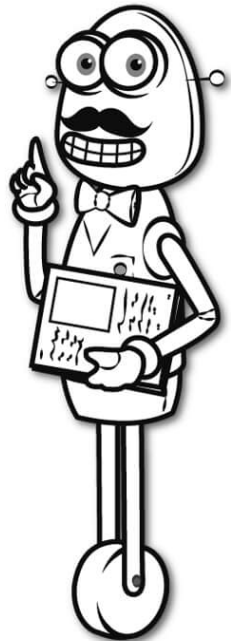
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