














Name: _____

Puzzle:

| | | | | |
|---|---|---|---|----------|
|  |  | 6 |  | 1,458 |
|  |  |  | 6 | 486 |
|  |  |  |  | 729 |
|  | 6 |  |  | 324 |
| 243 | 1,458 | 972 | 486 | X |

Work Area:

| | | | | |
|------------|--------------|------------|------------|----------|
| | | 6 | | 1,458 |
| | | | 6 | 486 |
| | | | | 729 |
| | 6 | | | 324 |
| 243 | 1,458 | 972 | 486 | X |

The product for each column and row is given. Blanks use numbers 2 to 9 only.



= _____



= _____



= _____

At 1 p.m. today, Hannah will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

In the parking lot there are 13 vehicles. There are 3 SUVs. What fraction of the vehicles are not SUVs?

If you exchange 90 dimes for dollars, then how many dollars would you get?

triple 70 =

Megan has 28 nickels. How much money is that?

What is the sum of 10 and 237?

$6 + 10 - 2 + 12$

double 20 =

(81), (9), (1), $\frac{1}{9}$, $\frac{1}{81}$
 _____, $\frac{1}{6561}$, $\frac{1}{59049}$

Name: _____

Which of the following numbers is greater than 20 and less than 33?

- A) 16
- B) 24
- C) 42

Which of the following numbers is an even number and also a multiple of nine?

- A) 97
- B) 128
- C) 127
- D) 108

$14 \div 7 =$

- A) 1
- B) 2
- C) 7
- D) 1R5

$3 \times 9 =$

- A) 33
- B) 27
- C) 87
- D) 23

If you wanted to estimate the sum of 79 and 16, what would your answer be (round by tens)?

- A) 100
- B) 110
- C) 99
- D) 50

$34 + 21 + 3 =$

- A) 21
- B) 57
- C) 58
- D) 51

Name: _____

Jenna made 15 pastries. She used 2 ounces of walnuts for each pastry. How many pounds of walnuts did she use?

The sign on the rusty brown truck said, "For Sale. \$281." Jacob counted his money. He only had \$181.49. How much more money does he need to buy the truck?

What is $\frac{6}{7}$ of 336? Show your work.

Wendy was curious about what day will be her teacher's birthday. Today is Wednesday, and it is the 67th day of school.

"My birthday will be celebrated in 16 school days. There are 5 days each week for school and there are no upcoming holidays. Anyone know on what day of the week will be my birthday?" asked Mrs. Lee.

Name: _____

The sum of thirty-two and twenty-seven is thirty-eight more than a number. What is the number?

Two-thirds of a number equals 8. What is the number?

Forty-six less than two-fifths of a number equals 2. What is the number?

8,000 and 3,000,000 added to a number is 3,446,131. What is the number?

Name: _____

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

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

| | | | | | |
|---|---|---|---|---|---|
| 1 | | | 5 | = | 3 |
| | | | | | ÷ |
| | | ÷ | 2 | = | |
| | x | | 7 | | = |
| x | 8 | | ÷ | | 1 |
| 5 | = | | | | |
| = | | | = | | |
| | | | | | |
| 0 | | | | | |

$$\begin{array}{r} 271 \\ + 260 \\ \hline \end{array}$$

April is getting messy. She has made a 2' x 1' x 5' cube made out of clay blocks. She wants her art project to have at least a surface area of 22 square feet. Does she need to add more clay?

25 cm = _____ mm

$$\begin{array}{r} 63 \\ - 17 \\ \hline \end{array}$$

1 lb = 16 oz
6 lb = _____ oz

How many grams are in 6 kilograms?
_____ grams

Name: _____

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

O R □ L □ C □ P □ S
 B □ T T L □ E P N X
 D S T □ C K □ N G S
 S T □ P □ N D □ □ S
 H □ □ S □ H □ L D L
 D T M □ C K W □ □ D
 □ □ X C □ P T □ □ N
 L B □ R T H D □ Y R
 □ A P P A R A T U S
 Y T E G □ N □ R □ L

- CAPE • BATTLE • MOCK
 APPARATUS • WEED • DELAY
 EXCEPTION • STOCKINGS • GENERAL
 HOUSEHOLD • STUPENDOUS • RULE
 BIRTHDAY

$$\begin{array}{r} 48 \\ + 20 \\ \hline \end{array}$$

$$18 \div 6 =$$

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.

$$\begin{array}{r} 465 \\ - 297 \\ \hline \end{array}$$

$$(4 + 8) + 2 =$$

Write a letter that has two or more lines of symmetry.

Name: _____

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 | Make a Word | Sum |
|--|-----------------------------|---|-----------------------------|
| <p>1 2 4 6 10 16</p> <p>V E N T U R E <input type="text"/></p> | <p>23</p> | <p>1 2 4</p> <p><input type="text"/> <input type="text"/> E <input type="text"/></p> | <p><input type="text"/></p> |
| <p>1 2 4</p> <p>E A <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> | <p>1 2 4 6 10 14</p> <p>R I <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> |
| <p>1 2 4 6 12 18</p> <p>T O <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> | <p>1 2 4 6 10 16 22</p> <p><input type="text"/> R <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> |
| <p>1 2 4 8 14 20</p> <p>M A <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> | <p>1 2 4 6</p> <p>M O <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> |
| <p>1 2 4 6 8 12 16</p> <p><input type="text"/> I <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> | <p>1 2 4 6 10 16 22</p> <p><input type="text"/> I <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> | <p><input type="text"/></p> |

Write 749,299 in words.

Can 776 be evenly divided by 7? Circle:
776 is evenly divisible by 7
776 is NOT evenly divisible by 7

Jenna wrote down a fraction on a piece of paper. If you take her fraction and multiply it by six you get ten. Can you guess what her fraction is?

Insert a comma in the appropriate place in this sentence.
Sadly my 16-year-old dog died yesterday.

What time is 14 hours after 1:00 a.m.?

Name: _____

1 • = • 4 • 3 • 2 • x • 9 • = • 1 • 8 • 6 • 0 • 0 • 5 • =

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | 4 | x | 4 | | 1 | 6 |
| | | | 6 | | | | | |
| | | | | | | | ÷ | |
| ÷ | | | 6 | | | x | 9 | |
| 7 | | 1 | | | | 0 | = | |
| = | | x | | | | = | 7 | |
| | x | | = | 0 | | | | |
| | | = | | | | | | |
| | | 0 | ÷ | | | | | 0 |

List three of the smallest whole numbers that are greater than 16, are multiples of 3, and are not multiples of 9.

In the number 73,110,726,858, the digit 5 is in what place?

$3 \times 5 =$

For 74,391,961,855, write the digit that is in the hundred thousands place.

Circle the digit in the tenths place.

22.479

Name: _____

| x | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|---|---|----|----|----|----|----|---|----|----|----|-----|----|
| 2 | 0 | | | | | | | | | | | | |
| 3 | | | | | | 15 | | | | | | | |
| 4 | | | | | | | | | 32 | | | | |
| 5 | | | | | | | | | | | | | 60 |
| 6 | | | | | | | 36 | | | | | | |
| 7 | | | 14 | | | | | | | | | | |
| 8 | | | | | 32 | | | | | | | | |
| 9 | | | | | | | | | | | 90 | | |
| 10 | | | | | | | | | | | | 110 | |
| 11 | | | | | | | | | | 99 | | | |
| 12 | | | | 36 | | | | | | | | | |

$0 \times 5 =$ $5 \times 3 =$ $12 \times 12 =$ $2 \times 1 =$ $6 \times 9 =$

$2 \times 2 =$ $10 \times 0 =$ $9 \times 7 =$ $2 \times 12 =$ $11 \times 5 =$

$3 \times 11 =$ $7 \times 7 =$ $1 \times 5 =$ $3 \times 11 =$ $8 \times 12 =$

$8 \times 10 =$ $6 \times 5 =$ $9 \times 2 =$ $12 \times 4 =$ $0 \times 9 =$

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

| | | | | | | | |
|---------------|----------------|---------------|---------------|----------------|----------------|--|---------------|
| | sum of 10 ↓ | sum of 3 ↓ | sum of 8 ↓ | sum of 8 → | | | sum of 9 ↓ |
| sum of 4 → | | | | | | | |
| sum of 3 ↓ | 1 | | | sum of 10 → | 4 | | |
| 1 | | sum of 6 → | 4 | 1 | 1 | | |
| | | | sum of 4 ↓ | | sum of 10 ↓ | | |
| | | | | sum of 5 → | 2 | | |
| | | | | sum of 6 → | | | 1 |
| | | sum of 9 → | | | | | |

| | | | | | | | |
|---------------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|
| | | sum of 10 ↓ | sum of 6 ↓ | | sum of 3 → | 2 | |
| sum of 6 ↓ | sum of 9 → | | | sum of 7 ↓ | | sum of 10 ↓ | |
| 4 | sum of 4 → | | 1 | | | | sum of 9 ↓ |
| 1 | sum of 8 → | | | | | | |
| 1 | | sum of 6 ↓ | | | | 4 | |
| | sum of 8 ↓ | | | | sum of 7 ↓ | sum of 6 ↓ | |
| sum of 3 → | | | | | | | |
| | | | sum of 9 → | | 4 | | |

Rosa will win if a random number pulled out of a box is a number divisible by 4. 36 pieces of paper, numbered 27 to 62, are put inside a box. What is the chance that Rosa will win?

Circle the greatest number:
4,516,897,207
504,897,261,330
29,570,358
84,361

4 x 5 =

How many digits are in the current year?

Write a letter that has a line of symmetry.

Write an antonym for "for."

Name: _____

Can you guess the word?

No duplicate letters can be used.

I N S U R E

The letter I is in the word and is in the correct spot.

F **A** T H E R

The letter A is in the word, but A is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

| | | | | | |
|---|---|---|---|---|---|
| A | R | D | E | N | T |
| P | A | R | D | O | N |
| R | A | N | D | O | M |

B C F G H I J K L Q S U V W X Y Z

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

Let's check if you guessed correctly. Look across or down to find the correct answer.

A Y N N D Q O R N N O C C O N T A U P
O J J O C N N D O B P A R D O N A T A
A O N P R K A R D E N T E D E R C O N
N V N A Q S R N N D D R R A R R R O O
S L D N P O A B E R E N R G R M D N A
X D D N C A N D O R M W D N N N I X N

Hint: There are no duplicate letters in the answer.

| | | | | | |
|---|---|---|---|---|---|
| S | C | R | E | A | M |
| I | N | S | U | R | E |
| F | O | S | T | E | R |

B D G H J K L P Q V W X Y Z

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

S F O O T Y E O S L C R O R S
M M O T F E C R Y C E S J F S
E C O S E S R F S S R T K L E
S R O O T L M R M T T E S R A
F T Y S Y E O P A B Y E A O T
O O F M E S R S O C S Z R M Y

Hint: There are no duplicate letters in the answer.

| | | | | | |
|---|---|---|---|---|---|
| S | W | I | T | C | H |
| J | U | N | I | O | R |
| F | L | O | R | I | D |

A B E G K M P Q V X Y Z

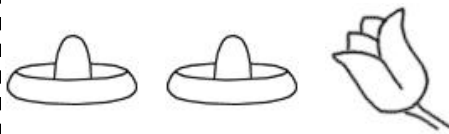
| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

F D U R O S M R J I F F N S R W U O F
F O C H C O F R O U O R F F W I F C J
T T R I S J I S F U N F L O S I F Z O
F R W B I T H I S J I I U R R O T T I
Y O C S I O K I H S T C O I U W W C R
O D K I S D B I I O O O R R F B F C H

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.
! The picture is NOT in the correct spot.



! Draw 2 of these 3 pictures.
! The pictures to use are in the correct spot.

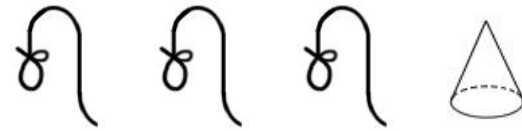
Draw the 3 pictures in the correct order:



Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.



! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.

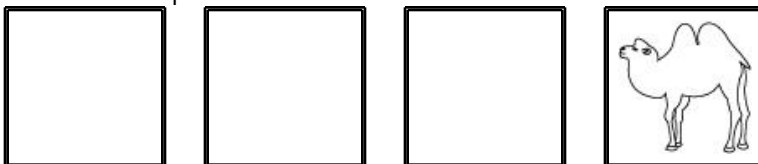


! Draw 3 of these 4 pictures.
! None of those pictures are in the correct spot.



! Draw 2 of these 4 pictures.
! 1 of those pictures is in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

Write the final part of each math analogy.

FBPFBPFB_____ : P :: KJQKJQKJ_____ :

Explain why you think your answer is correct.

seven dimes and four pennies : \$0.74 :: five dimes and two pennies :

Explain why you think your answer is correct.

GCCGCCGCCGCC : GCC :: FQQFQQFQQFQQ :

Explain why you think your answer is correct.

seven + ten : 17 :: eight + three :

Explain why you think your answer is correct.

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.
! The picture is NOT in the correct spot.

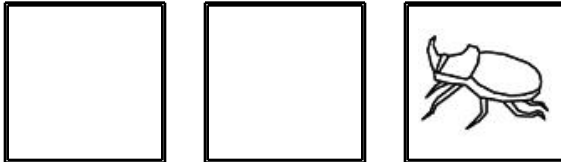


! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.

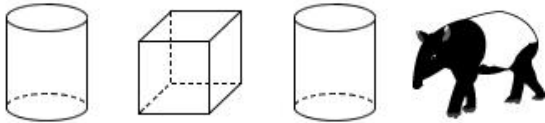


! Draw 2 of these 3 pictures.
! 1 of those pictures is in the correct spot.

Draw the 3 pictures in the correct order:



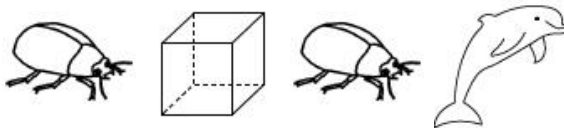
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



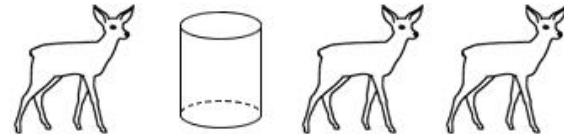
! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.



! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.

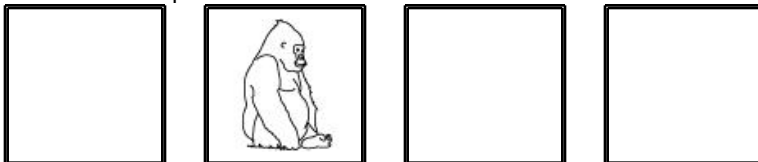


! Draw 2 of these 4 pictures.
! 1 of those pictures is in the correct spot.



! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

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

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J | A | R | A | N | T | A | L | K | I | N | G | |
| A | S | C | E | N | O | S | T | A | L | G | I | A |
| W | I | C | A | A | B | U | L | L | F | P | I | G |
| C | N | E | R | D | L | O | A | F | E | B | E | E |
| O | C | L | R | J | M | A | E | A | L | O | W | |
| N | E | E | A | A | I | C | W | R | T | B | A | G |
| S | R | R | N | C | D | T | H | R | U | M | M | |
| I | E | A | G | E | D | O | I | A | R | S | A | O |
| S | L | T | E | N | L | R | C | N | E | E | I | S |
| T | Y | E | D | T | E | S | H | D | S | E | N | S |

Write the words found.

| | | |
|------------------|---------------|-----------------|
| <u>MOSS</u> | <u>BAG</u> | <u>FEATURES</u> |
| <u>NOSTALGIA</u> | <u>ERRAND</u> | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

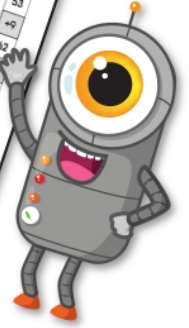
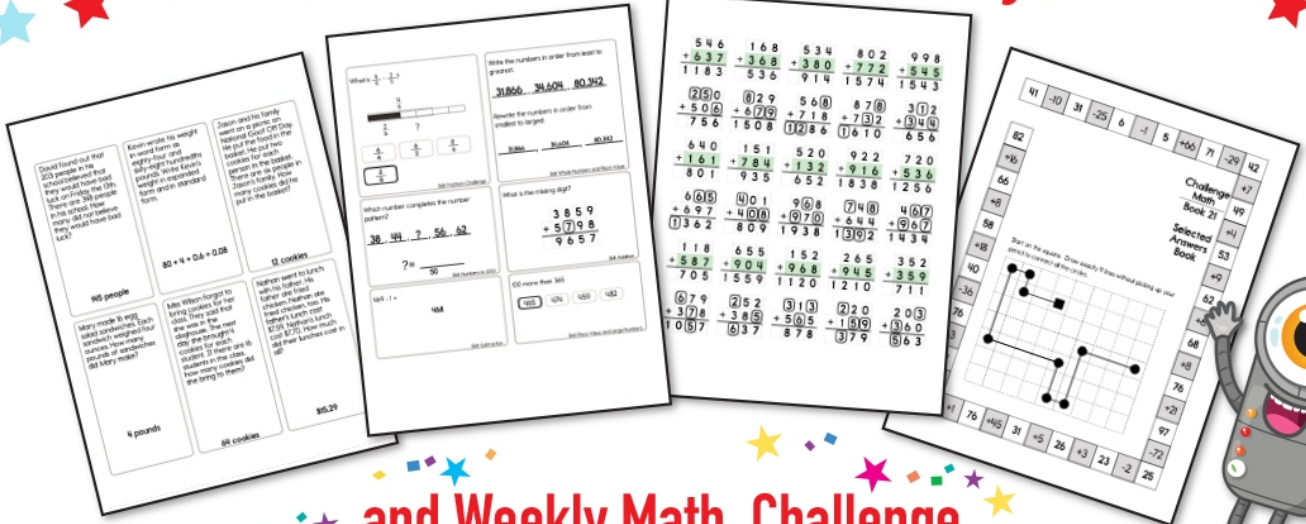
Split each word into syllables.

| Word | In Syllables | Word | In Syllables |
|------------|--------------|----------|--------------|
| wrapper | wrap-per | neurosis | |
| underwater | | verbatim | |
| eyeball | | keyhole | |
| preys | | socket | |

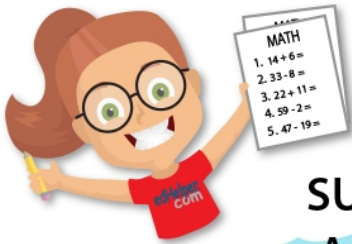
Unscramble the letters to spell a word.

| | | | |
|----------|----------------|-----------|---------------|
| ltrysloe | <u>trolley</u> | edevot | <u>devo</u> |
| uygelo | <u>eu</u> | luoisvfor | <u>frivol</u> |

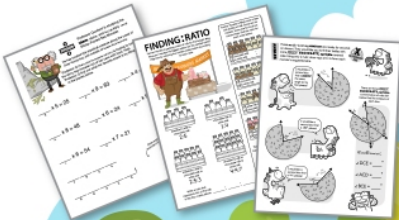
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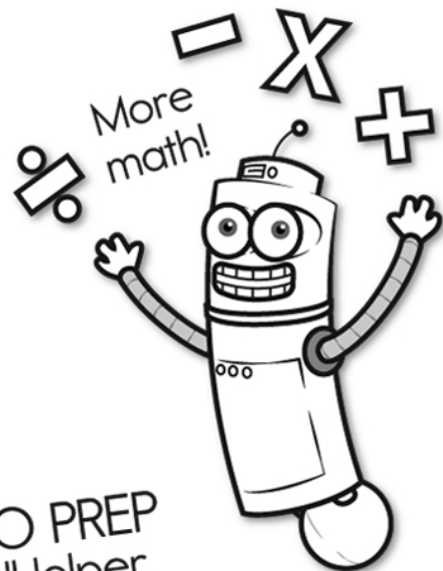
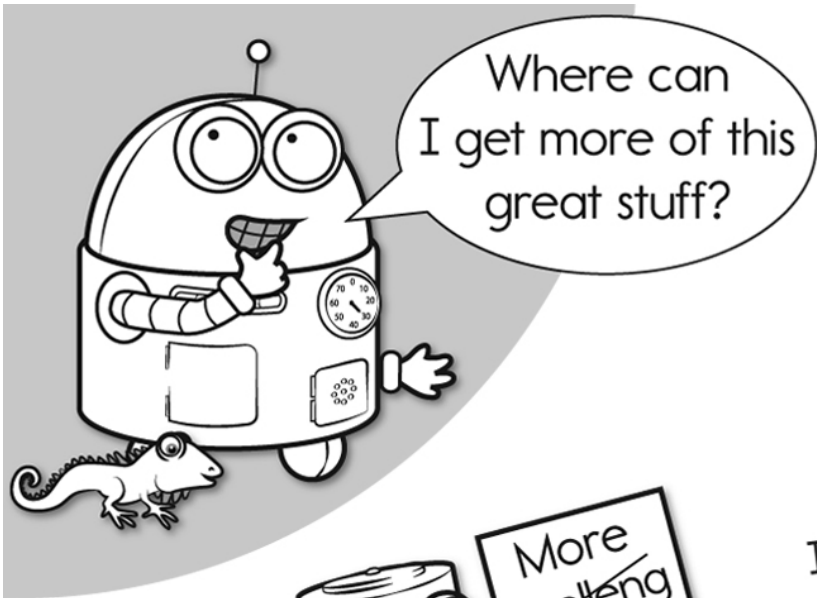
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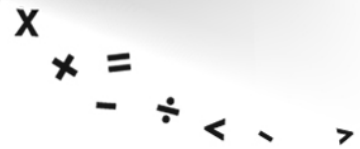
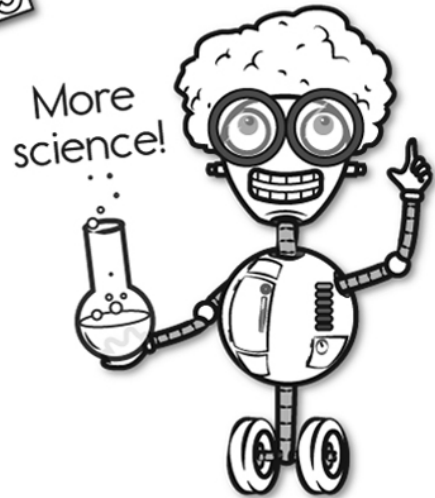
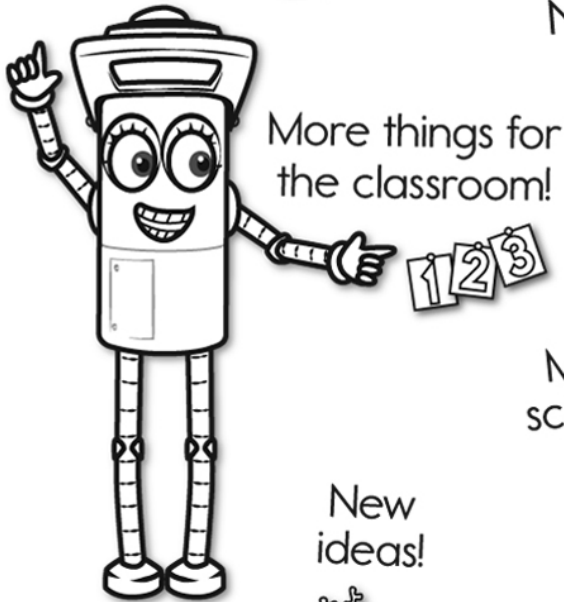


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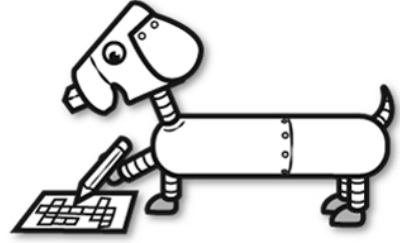


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