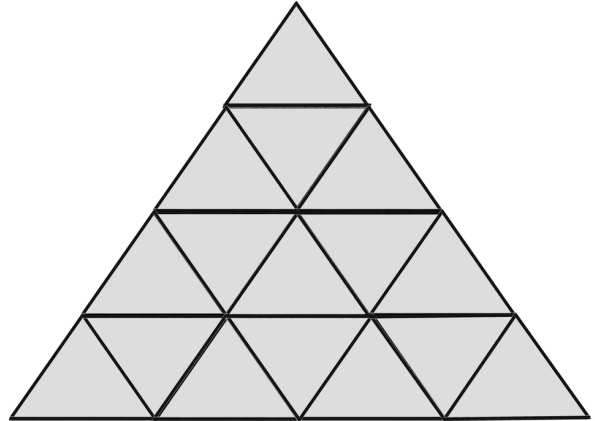


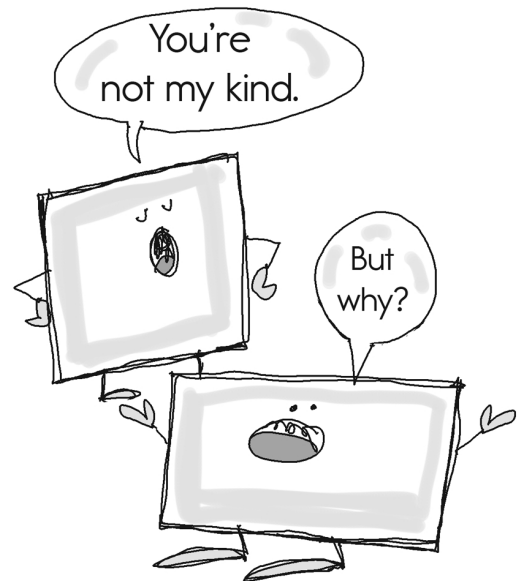
Name: _____

How many triangles are here (following the lines)? _____

Draw them here.



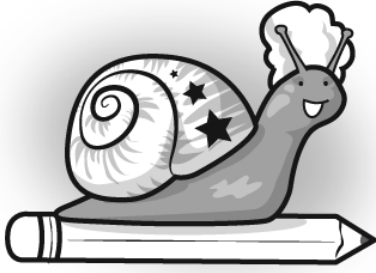
Why are all rectangles
not squares? _____



Why isn't a circle a
polygon? _____

How many vertices does
a figure need to be
considered a polygon?

Name: _____



Sorting Senses

Sensational Sally the snail wants to sort out these sentences by the sense it represents. Help her by writing down one of the following senses that is featured in each sentence:

sight

hearing

smell

taste

touch

The alien craft landed with an ear-splitting screech on top of the building.

Sense: _____

The oozing hamburger exploded with the savory flavors of mustard, relish, and mushrooms in the hungry monster's mouth.

Sense: _____

The warthog smelled like a trash can, so he bought some body spray.

Sense: _____

The vast Grand Canyon looked peaceful in the golden sunset.

Sense: _____

The spotted snake had smooth, pretty skin.

Sense: _____

Write your own sensible or strange sentence about one sense below.

Draw a picture of your sentence here if you like:



Name: _____

Compare the numbers. Write >, <, or =.

$$9,708 \text{ ______ } 9,750$$

$$24,660 \text{ ______ } 23,387$$

$$31,890 \text{ ______ } 33,000$$

Skill: Whole Numbers and Place Value

What is the value of the 3 in 48.73?

three tenths

thirty

three hundredths

three hundred

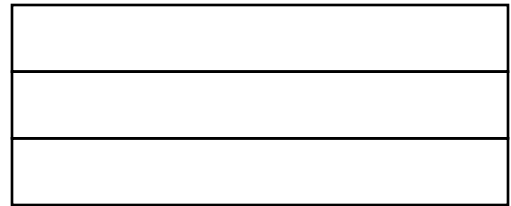
Skill: Decimals

What number comes next?

30 36 42 ______

Skill: Multiplication

Color one-third of the figure.



Skill: Fractions

$$\frac{1}{6} + \frac{2}{6} =$$

2

Skill: Fractions

Which is true?

$$5 \times 5 = 5 + 5 + 5 + 5 + 5 + 5$$

$$5 \times 5 = 5 + 5 + 5 + 5 + 5$$

$$5 \times 5 = 5 + 5 + 5 + 5$$

$$5 \times 5 = 5 + 5$$

Skill: Multiplication

Extra work area:

Name: _____

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

				1	
			5		
4		1		5	
	2	5			
	5	3		4	6
			1		

multiply • terminate • excuse • sudden • distrust • calculate

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

terminate			calculate		
			excuse		
multiply					sudden
					distrust
	distrust				
excuse		multiply			

Name: _____

$$\begin{array}{r} \$0.99 \\ - \$0.10 \\ \hline \end{array} \quad \begin{array}{r} \$0.90 \\ - \$0.64 \\ \hline \end{array} \quad \begin{array}{r} \$0.93 \\ + \$0.90 \\ \hline \end{array} \quad \begin{array}{r} \$0.65 \\ + \$0.42 \\ \hline \end{array} \quad \begin{array}{r} \$0.89 \\ - \$0.69 \\ \hline \end{array} \quad \begin{array}{r} \$0.77 \\ + \$0.21 \\ \hline \end{array}$$

$$\begin{array}{r} \$13.98 \\ - \$13.23 \\ \hline \end{array} \quad \begin{array}{r} \$12.51 \\ + \$21.90 \\ \hline \end{array} \quad \begin{array}{r} \$20.68 \\ - \$13.18 \\ \hline \end{array} \quad \begin{array}{r} \$10.65 \\ - \$2.50 \\ \hline \end{array} \quad \begin{array}{r} \$13.58 \\ + \$13.69 \\ \hline \end{array}$$

$$\begin{array}{r} \$32.70 \\ - \$25.27 \\ \hline \end{array} \quad \begin{array}{r} \$31.63 \\ - \$28.43 \\ \hline \end{array} \quad \begin{array}{r} \$18.68 \\ - \$13.75 \\ \hline \end{array} \quad \begin{array}{r} \$8.04 \\ + \$8.25 \\ \hline \end{array} \quad \begin{array}{r} \$19.00 \\ + \$25.09 \\ \hline \end{array}$$

$$\$15.71 + \$15.80 = \underline{\hspace{2cm}}$$

$$\$4.12 + \$15.09 = \underline{\hspace{2cm}}$$

$$\$9.06 - \$9.00 = \underline{\hspace{2cm}}$$

$$\$28.72 + \$25.60 = \underline{\hspace{2cm}}$$

$$\$4.64 - \$4.00 = \underline{\hspace{2cm}}$$

$$\$8.55 - \$7.84 = \underline{\hspace{2cm}}$$

$$\$15.22 + \$22.34 = \underline{\hspace{2cm}}$$

$$\$13.51 + \$10.66 = \underline{\hspace{2cm}}$$

$$\$6.70 - \$6.11 = \underline{\hspace{2cm}}$$

$$\$21.21 - \$20.33 = \underline{\hspace{2cm}}$$

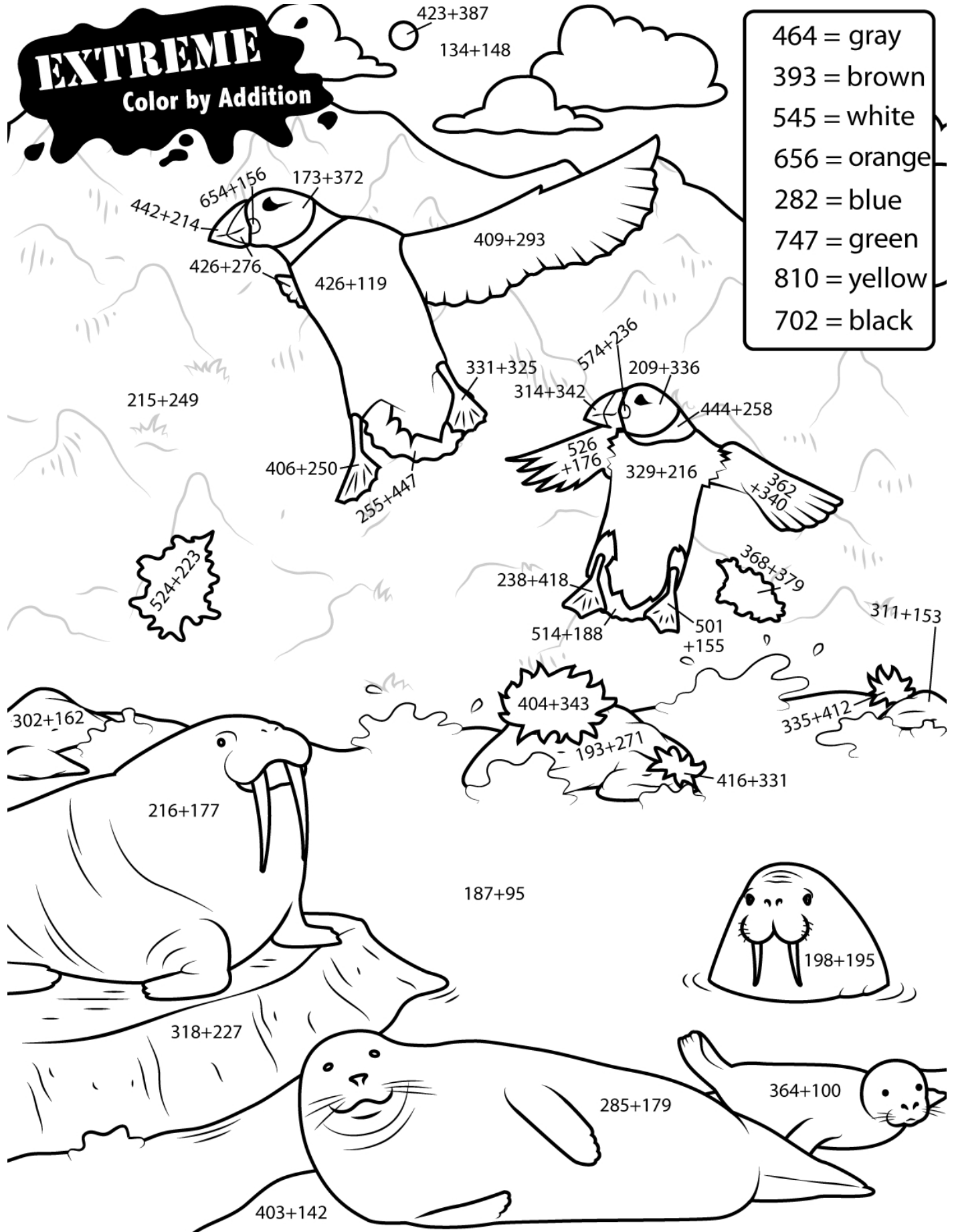
In the parking lot there are 14 vehicles. There are 4 SUVs. What fraction of the vehicles are not SUVs?

Is 27 a composite or a prime number?

What number is halfway between 0 and 6?

word root **intro** can mean **within** **introversion, introvert**

Name: _____



Name: _____

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

You are not allowed to go diagonally. Good luck!

START	984	148	336	960	924	132
920	996	477	876	240	432	36
878	0	204	192	480	48	276
149	838	140	636	732	716	780
242	558	98	675	408	600	360
788	422	564	864	336	840	411
324	36	828	912	576	480	25
732	744	192	327	156	672	407
683	148	468	384	348	132	996
975	166	74	129	345	838	END

Name: _____

Do you know the difference between **formal** and **informal** language? Let's find out!



Read each sentence. Decide if it is in formal or informal language. Then rewrite the sentence in the opposite tone.

Would you tidy up your room, please?

Formal or informal: _____

Rewrite the sentence in the opposite style:

Hurry up and eat!

Formal or informal: _____

Rewrite the sentence in the opposite style:

Would you care to join me for luncheon?

Formal or informal: _____

Rewrite the sentence in the opposite style:

I don't get what you are talking about.

Formal or informal: _____

Rewrite the sentence in the opposite style:

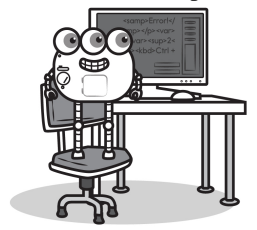
Would you enjoy talking in a formal way all the time? Why or why not?



You don't have to hold your pinky out while drinking tea if you are writing formally!

Name: _____

Robot was given a math problem to solve.



In 2002, the average person in the United States ate about 19 quarts of ice cream. There are 541 students at Miller High School. About how many quarts of ice cream did the students eat in 2002?

Robot wrote this program in Python to solve it.

```
# Variable declaration
```

```
avg_ice_cream_consumed_per_person_in_2002 = 19
```

```
students_at_Miller_High_School = 541
```

```
# Calculation
```

```
total_quarts_of_ice_cream_consumed =
```

```
avg_ice_cream_consumed_per_person_in_2002 * students_at_Miller_High_School
```

```
# Print Output
```

```
print(total_quarts_of_ice_cream_consumed)
```

Robot's program will print the answer to the math problem.

What will the program print out? Fill in the blanks.



Hint and a Question

To multiply in Python `*` is used.

```
test_multiply = 6 * 12 # assign 72 to the variable test_multiply
```

```
print(test_multiply) # this would print test_multiply to the screen
```

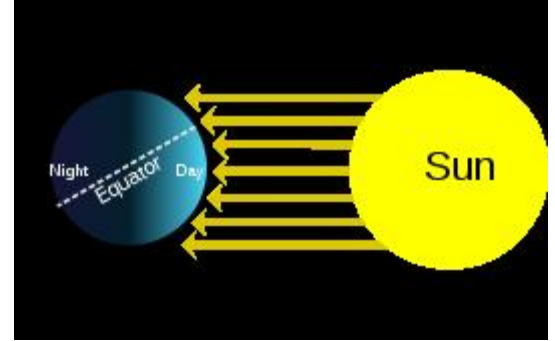
Write a line of code to calculate the product of 5 times 13 and store it in the variable `cookies_to_bake`.

Name: _____

The Sun and the Seasons

By Erin Horner

Do you want to know a secret? The Earth is tilted! Really, it is! The Earth orbits the sun on a tilted axis. Don't worry, it's not broken! This tilt is actually very helpful. It helps to create our seasons. The Earth orbits around the sun all year long. When the northern hemisphere is tilting toward the sun, that hemisphere experiences summer. That part of the Earth receives the most direct rays of the sun. This makes the summer weather hot. While the northern hemisphere is pointing toward the sun, the southern hemisphere is tilting away from it. This means that the sun's rays are indirectly hitting the southern hemisphere. Shorter days and longer nights keep that section of the Earth from warming up. It is winter for that part of the planet. Some people think that our seasons must be related to the Earth's distance from the sun. They think that hot summer temperatures must mean that we are closer to the sun. But that's not true. Now you know the real reason why. But don't keep it a secret! Share all that you've learned about the sun and the seasons.



The Sun and the Seasons

Questions

1. Why is summer weather hot?

_____ 2. The author probably wrote this article to _____.

- A. describe
- B. inform
- C. persuade

_____ 3. Which of the following is true about the seasons?

- A. They are the same all over the world.
- B. The northern hemisphere and southern hemisphere do not experience the same season at the same time.
- C. They are related to the Earth's distance from the sun.
- D. All of the above

_____ 4. Choose the best title.

- A. All About Our World
- B. Why We Have Seasons
- C. Seasons Never Change
- D. The Best Seasons Ever

Name: _____

Justin is giving away dimes at his younger brother's birthday party.

If he gives everyone 2 dimes, then he will have 54 dimes left over.

If he gives everyone 5 dimes, then he will have 36 dimes left over.

If he gives everyone 7 dimes, then he will have 24 dimes left over.

How many kids are at his younger brother's party?

Hint: He has 66 dimes.

Mary brought in a lot of mini cookies to class for her birthday to share among 15 kids.

If she gives everyone 4 mini cookies, then there will be 33 left.

If she gives everyone 6 mini cookies, then there will be 3 left.

How many mini cookies do you think she brought to class?

Help! Rose was given the following numbers. She needs an estimate of the sum of these numbers as fast as possible, like in 15 seconds or so. What could she do?

108,377 108,599 108,547 108,838

108,659 108,918 108,989 108,669

108,928 108,967 108,958 108,298

Round these numbers to the nearest hundred and then put them in order:

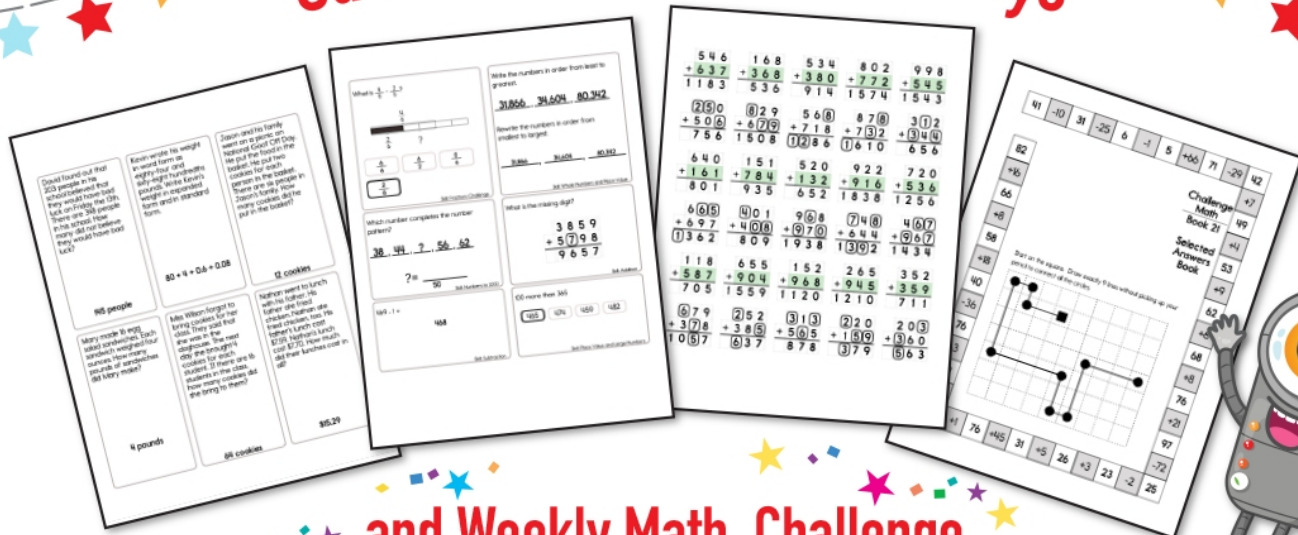
7,074

10,056

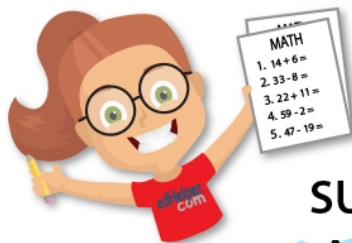
1,035

4,045

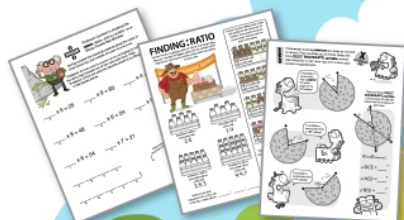
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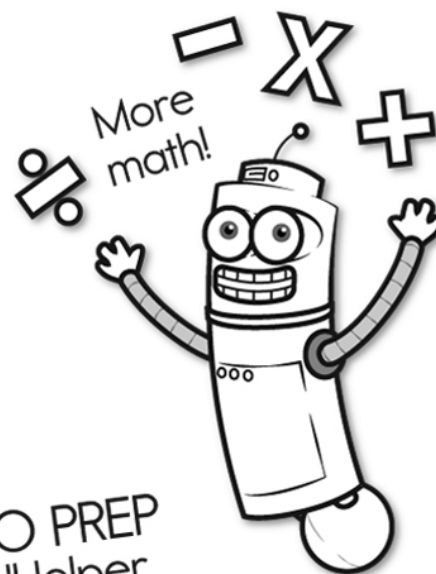
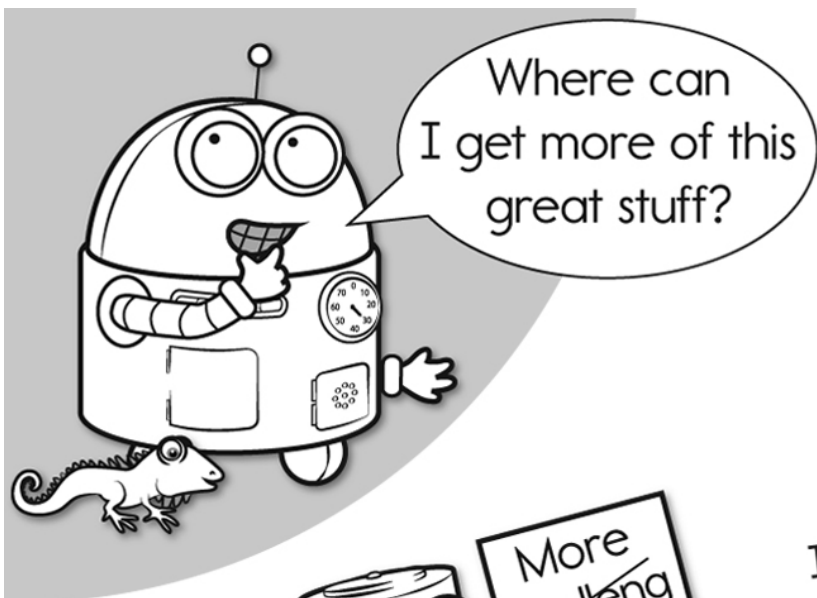


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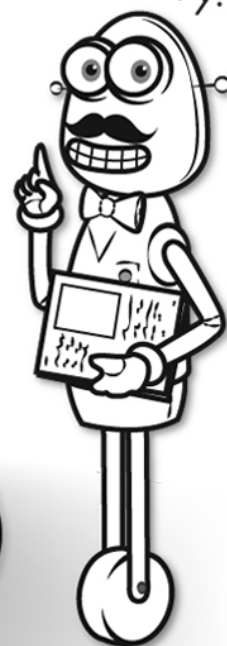


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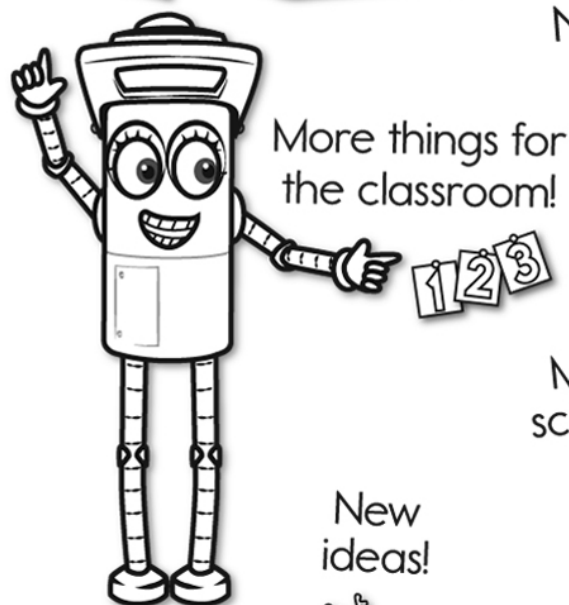
More history!



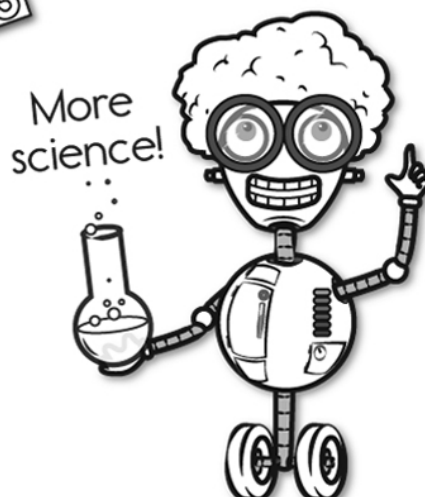
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