



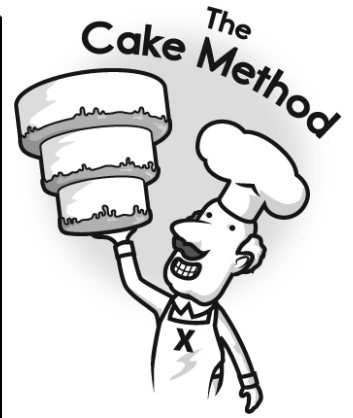
Name: _____

Get a fidget spinner! Spin it.

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

Find the LCM using the Birthday Cake method.

<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">2 32 48</div> <div style="margin-bottom: 5px;">4 16 24</div> <div style="margin-bottom: 5px;">2 4 6</div> <div style="margin-bottom: 5px;">2 2 3</div> </div> <p>LCM: $8 \times 2 \times 2 \times 3 = 96$</p>	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">3 63 90</div> <div style="margin-bottom: 5px;">3 21 30</div> </div> <p>LCM: _____</p>
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<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">3 36 30</div> </div> <p>LCM: _____</p>	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">2 30 66</div> </div> <p>LCM: _____</p>	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">3 18 24</div> </div> <p>LCM: _____</p>
<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">40 36</div> </div> <p>LCM: _____</p>	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">12 40</div> </div> <p>LCM: _____</p>	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 5px;">48 45</div> </div> <p>LCM: _____</p>



Name: _____

Spin again.

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

Find the LCM using the Birthday Cake method.

2	220	100	8	64	80
10	110	50	2	8	10
	11	5			
LCM: $5 \times 4 \times 11 \times 5 = 1100$			LCM: _____		

5	75	135	3	54	81	4	44	32
LCM: _____			LCM: _____			LCM: _____		

360	234	50	70
LCM: _____		LCM: _____	

Name: _____

Ms. Robinson drew a big circle on the bulletin board. She covered the circle with yellow paper and put examples of limericks her students had written in the circle. Above the circle she wrote, "Lighten Up with Limericks." If the diameter of the circle was 23 inches, what was its area? Round your answer to the nearest hundredth. (Note: Use 3.14 for pi.)

Alex is attending the World Eskimo-Indian Olympics. He can go to either the Blanket Toss or the Greased Pole Walk. He can choose either the qualifying rounds, the semifinals, or the finals of the events. He can buy only one ticket. How many choices does he have?

Wendy and Emily have a secret way of sending numbers to each other. Wendy drew a y-axis on the left of the paper and an x-axis on the bottom. Wendy plotted these points and wrote T (for the top number). Emily then found the secret coordinate. Draw a small grid to see if you can figure out the secret coordinate.

The points are (11, 11), (7, 3), (5, 8), and (4, 13).

Erin can't wait for her friend to visit.

"As soon as you leave the airport, drive 27 miles to exit 5," says Erin.

"I don't think you mean miles. They use kilometers here," says Emily.

Help Erin tell Emily how many kilometers to drive. Use 1 mile = 1.6 kilometers.

Name: _____

Some animal heads were stored at the veterinary office in a freezer. They were to be tested to see if the animals had rabies. If they had 18 specimens and could test one every half-day (a day being a workday of about 8 hours), how many days would it take to test them all?

There are seven black marbles, eight red marbles, and ten white marbles in a bag. The first marble selected at random from the bag is red. The red marble is not put back in the bag. What is the probability of pulling out a red marble on the next try?

Captain Howard had his crew paint the smokestack on his ship which was called the Sea Snail. The smokestack is shaped like a cylinder and is 38 feet 1 inch tall. The radius of the smokestack's base is five feet. What is the surface area of the smokestack?

You and your twin go to the doctor for a check-up. One of you weighs 2 lb. more than the other. Last month you weighed 81 lb. and your twin weighed 2 lb. more. You both gained the same amount of weight between then and now. Which of you weighs more now, you or your twin?

If the ratio of saturated to unsaturated fatty acids in a cell membrane is 9 to 1, and there are a total of 67 billion fatty acid molecules, how many of them are saturated?

Mr. Bloop is rolling small steel disks down a ramp. Each disk is 2 cm in diameter and 6 mm thick. It takes 5 seconds to go down the ramp and the distance traveled from the top to the bottom of the ramp is 91 cm. How many revolutions does a disk make on the way down? Round your answer to the nearest hundredth.

Name: _____

$12 \times 5 = \underline{\hspace{2cm}}$	$132 \div 11 = \underline{\hspace{2cm}}$	$\begin{array}{r} 715 \\ - 169 \\ \hline \end{array}$	April rolls two dice. What is the chance of her rolling a 2 on one die and a 2 on the other die? _____
--	--	---	---

$\begin{array}{r} 43 \\ - 33 \\ \hline \end{array}$	Rewrite these in increasing order of length: 990 m, 907 cm, 378 km, 422 mm, 6 dm	$48 \div 12 = \underline{\hspace{2cm}}$
		$9 \times 8 = \underline{\hspace{2cm}}$

$9 \times 8 = \underline{\hspace{2cm}}$	Emily is a family friend. She will be picking you up from school and driving you to the closest library. Where should she go? Write instructions to explain how she could get there and where you will be going.
$\begin{array}{r} 314 \\ + 216 \\ \hline \end{array}$	

$1 \text{ km} = 1,000 \text{ m}$ $6 \text{ km} = \underline{\hspace{2cm}} \text{ m}$	$5,442 + 5,873 = \underline{\hspace{2cm}}$
---	--

$(9 + 3) + 9 = \underline{\hspace{2cm}}$	How many feet are in 9 yards? _____ feet
--	---

$11 \times 9 = \underline{\hspace{2cm}}$	$34,469 - 28,421 = \underline{\hspace{2cm}}$	$10 \times 9 = \underline{\hspace{2cm}}$
--	--	--

Name: _____

$219 + 367 = \underline{\hspace{2cm}}$	$7 \times 3 = \underline{\hspace{2cm}}$	$\begin{array}{r} 40 \\ + 37 \\ \hline \end{array}$
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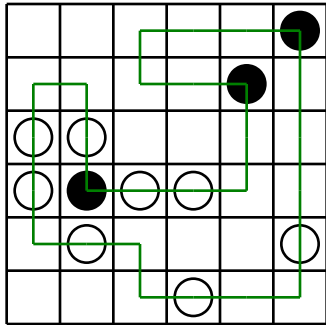
If you divide 67 by 5, you get a remainder of 2. Make up three other different equations where you divide by 5 and get a remainder of 2.	$81,371 - 25,236 = \underline{\hspace{2cm}}$
	What time is 17 hours after 5:00 p.m.? _____
	Emma rolls a die. What is the chance of her rolling a 1? _____

$6 \text{ cm} = \underline{\hspace{1cm}} \text{ mm}$	$8 \times 12 = \underline{\hspace{2cm}}$
--	--

Can 877 be evenly divided by 5? Circle: 877 is evenly divisible by 5 877 is NOT evenly divisible by 5	Circle the greatest number: 9,815,175 673,240 3,296 80,428,761,493
	Two cards cost \$4. At that rate, what is the cost of 4 cards? _____

What number is halfway between 3 and 14?	$77 \div 7 = \underline{\hspace{2cm}}$	For 924,246,052, write the digit that is in the hundred thousands place. _____
--	--	---

Name: _____

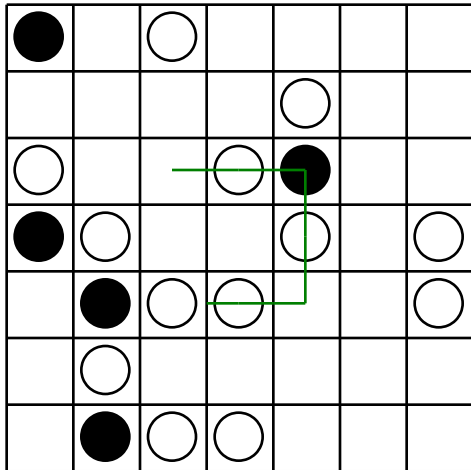


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

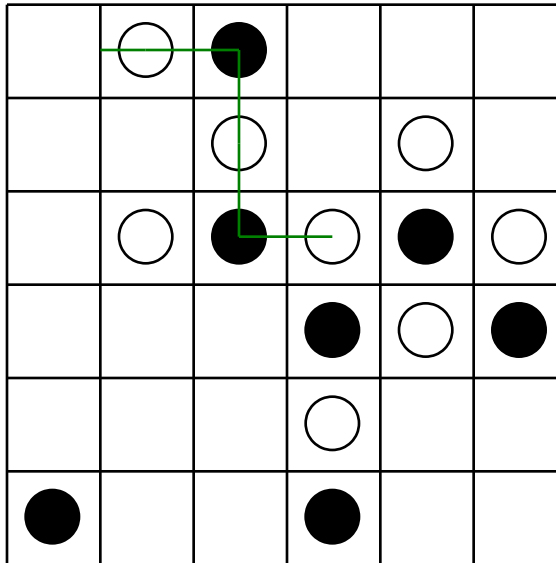
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



$30 \div 6 = \underline{\hspace{2cm}}$

In the number 800,138,725, the digit 5 is in what place?

What should replace the Q in this equation?

$9 \div Q + 29 = 32$

$42,294 + 27,543 = \underline{\hspace{2cm}}$

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

$18 \div 2 = \underline{\hspace{2cm}}$

Name: _____

5 • x • 2 • 7 • = • = • 9 • 8 • 6 • 3 • 8 • 5 • ÷ • 7 • 3 • 5
 5 • 0 • = • 5

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

1																		
x		3		7	=			1										
8								7										
									9	÷		=	1					2
1			÷		=				9									
				÷					1	=	5							÷
			2									÷		=	7			
9	x	0	=															=
	7		3	2	÷	4		8										4
	=																	
	4	0	÷	8	=													
	9																	

Write the missing family fact.

93 + 96 = 189
 189 - 93 = 96
 96 + 93 = 189

8 x 9 = _____

Name: _____

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

You are not allowed to go diagonally. Good luck!

START	24	869	242	638	913	770	737	319	143
330	561	506	693	209	11	748	418	506	616
895	594	231	66	495	364	55	297	517	165
276	356	22	814	594	924	690	407	803	649
372	913	407	759	950	418	462	176	363	935
572	825	979	572	112	682	198	528	385	946
231	55	143	745	579	11	913	385	957	242
884	654	666	656	537	383	517	407	33	349
233	103	546	801	694	695	440	187	264	634
631	806	554	553	838	192	353	580	550	END

Name: _____

The grocery store sells 2 cases of Amy's Water for \$10. They also offer 4 cases of Cool Water for \$20. If you like both brands equally, then which brand of water is the better deal?

Connor tried to measure his resting heart rate. His heart beat a total of 19 times in 27 seconds. Jessica measured hers. She counted a heartbeat of 134 in 120 seconds.

Well-trained athletes tend to have resting heart rates that can be as slow as 40 beats per minute. Would you guess that Connor or Jessica was a well-trained athlete?

Jack got 2 personal pizzas. He cut his pizza into 5 equal slices and then ate 2 slices. He gave the other pizza to Maria. She cut her pizza into 6 equal slices and then ate 3 slices.
Draw a picture of each pizza.

Which fraction is smaller?


$$\frac{4}{15} \text{ or } \frac{3}{5}$$

$$\frac{20}{27} \text{ or } \frac{17}{63}$$

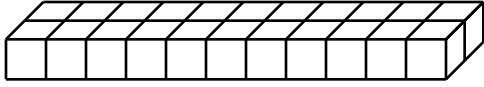
$$\frac{3}{10} \text{ or } \frac{16}{27}$$

Who ate the most pizza?

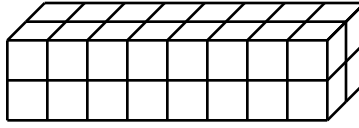
Name: _____

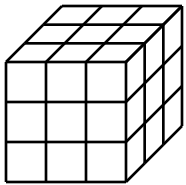
1 in. 

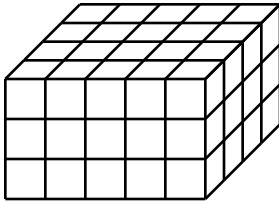
Calculate the volume of each shape that was made from cube blocks. The volume of one block is 1 cubic inch.

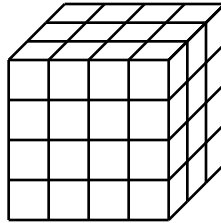


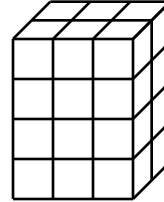
22 in.³ _____

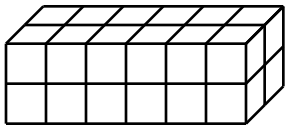


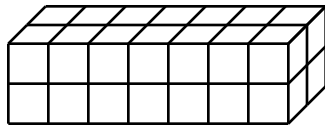


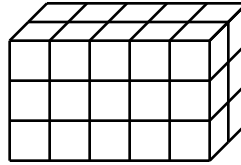


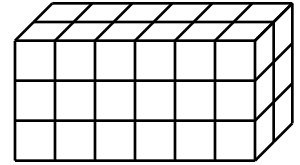


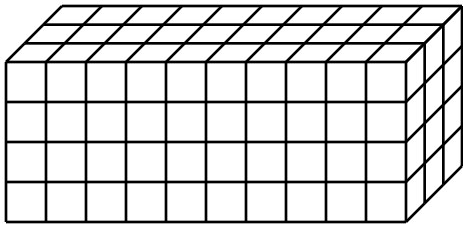


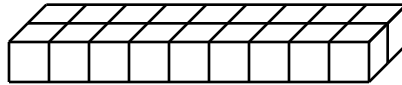


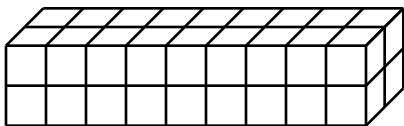


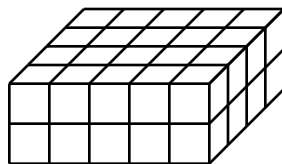












Name: _____

Anne babysat April and was paid \$84 for 6 hours of work. How much was she paid per hour?

She plans to babysit April next week and will be paid at the same rate. If she works 12 hours next week, how much will she be paid?

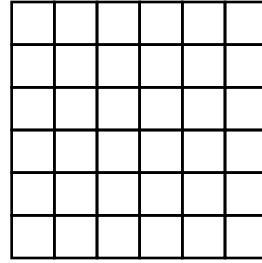
A hotel at the beach charges \$115 per day. Justin booked a room for 4 days at the hotel. How much money did he have to pay?

A car's engine can go 5,100 rpm or revolutions per minute. The rpm measures how many times the engine's crankshaft makes one full rotation in one minute. If the car runs continuously at 5,100 rpm, how many minutes will it take for the engine's crankshaft to make 25,500 full rotations?

Ava wants to apply grass seed to a new lawn that is 12,456 square feet. She needs to know how many bags of grass seed to purchase. Each 6-pound bag of grass seed covers up to 2,308 square feet. How many bags should she get? Keep in mind the store does not sell partial bags.

Name: _____

Fifty percent of David's favorite chocolate bar is made from cocoa beans. The rest of the bar is sugar, vanilla, and sea salt. What fraction of David's favorite chocolate bar is not cocoa beans?

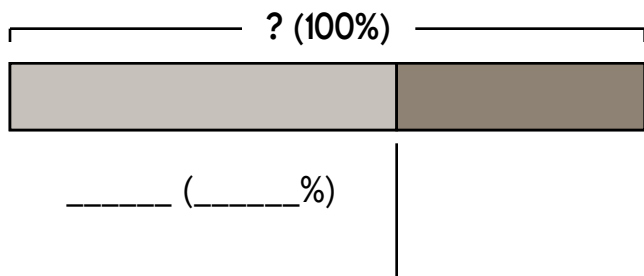


Color in one-sixth of the small squares.

_____ small squares are shaded.

_____ small squares are NOT shaded.

_____ % of the large square is shaded.



Wendy made a new game app. She let people download the game, and they had to reply if they liked it or not. She was happy to find that 61% of the people liked the game. If 400 people liked the game, how many people downloaded the game?

In a survey of 200 kids, 98 of them have a bicycle. What percent of the kids in this survey have a bike?

What percent of the kids in this survey do not have a bike?

Name: _____

Change to percents.

0.88 = _____

0.16 = _____

0.77 = _____

0.34 = _____

0.05 = _____

Change $\frac{4}{8}$ to a decimal.

Change 20% to a decimal and a fraction expressed in its lowest terms.

Find 80% of 260.

56 is what percent of 112?

Change to percents.

0.02 = _____

0.36 = _____

0.81 = _____

0.27 = _____

0.40 = _____

Change 17% to a decimal.

Find 80% of 110.

34 is what percent of 200?

Name: _____

Hint: Words will be horizontal or vertical. Do not look for words diagonally.

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

R	V		L		F			D	
	R	S	T	M		L	G	D	X
C		P	H		L	N	E	J	P
	C			S	L	G			
P		C	D	S		E	V	N	N
T	C				G	R		G	S
	H	F	N	C		M	R		
C				R	L	A	T		
L	T	C	S		E	N	L	S	N
	R	I	M	A	E	E	E	M	N

VILIFIED • JINGOISM • GERMANE
RECEPTACLE • HEDONISM
SPECIFIC • EXPANSION • RICOCHET
OVERT • ILLEGAL • MASSACRE

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

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CONSUMMATE • SLUGGISH
MASSACRE • VILIFIED
ICONOCLAST • EXPANSION
ILLEGAL • VERITABLE • JINGOISM
SPECIFIC • OVERT • YANTRA
GERMANE • HEDONISM • RICOCHET
INDIGENOUS • RECEPTACLE
CONFABULATE

$0.16 + 6.6 =$

Find the difference
between 9.7 and 5.3.

$$\begin{array}{r} 0.4 \\ 0.9 \\ +0.7 \\ \hline \end{array}$$

$17x - 9.8 = 75.2$

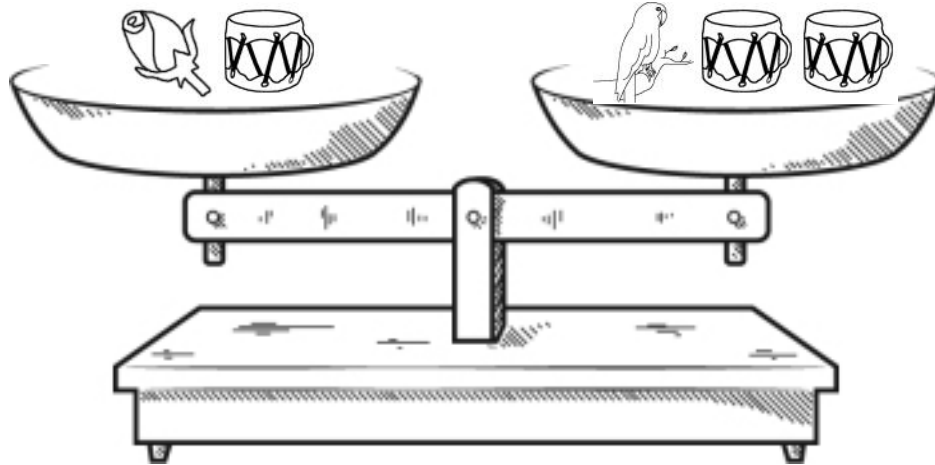
x =




What is the value of j?




$9j + 13 - 2j = -3$





Rewrite $\frac{9}{100}$ as a
decimal.





Name: _____


















 =  
 True False









  > 
 True False

   < 
 True False

  >  
 True False

   =  
 True False

      =    
 True False

    =    
 True False

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

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

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

Name: _____

What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.
Put the clues together and solve the mystery of what is in the box.

- A =cliff
- C =punt
- E =massage
- I =attic
- L =fling
- M =baby
- N =snake
- O =kettle
- R =blossom
- S =bunny
- T =mow
- V =drizzly
- W =java
- Y =trophy

Clue 1: rabbit coffee loft serpent rub

 s w _____

Clue 2: kick pot serpent cut bluff loft serpent rub bloom

Clue 3: rabbit chuck loft cut

Clue 4: rabbit chuck loft cut

Clue 5: infant pot serpent rub award

What's in the Box?

Each side of a regular pentagon is 88.5 centimeters. What is the perimeter?

$t - 9 + t = 37$
What is the value of t?

$6 \times 48 \div 6 - 24 \div 4 =$

If $z = 4$ and $h = -6$ then what is $z^2 + h^2$?

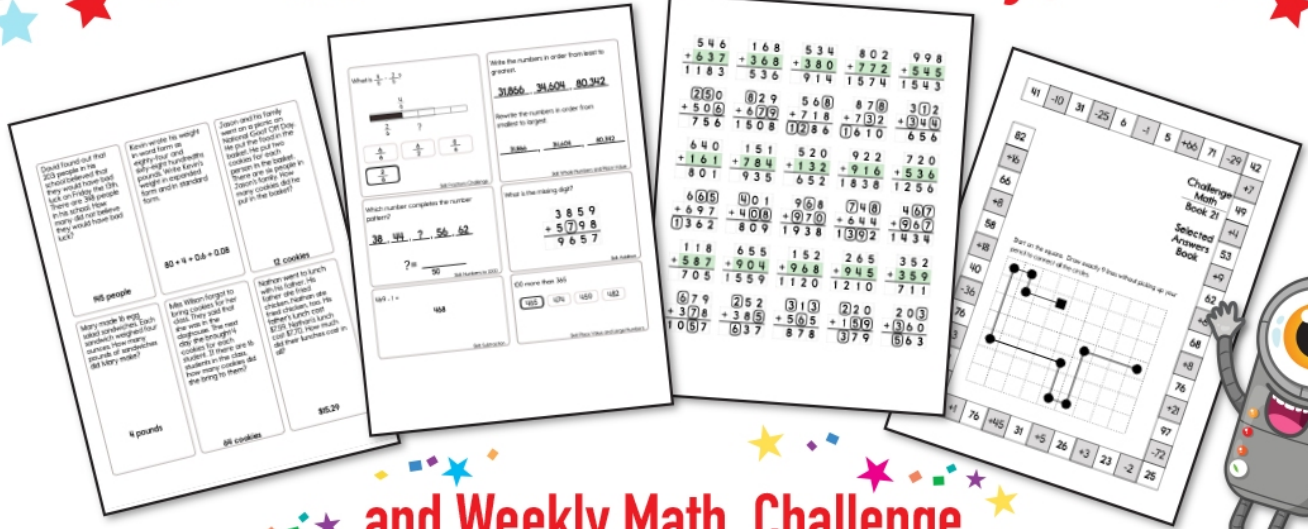
65, 70, 75, 80, _____, 90

Simplify.

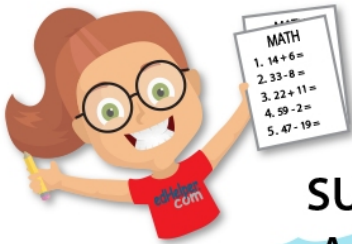
$\frac{82}{164} =$

$6,772 - 4,366 =$ _____

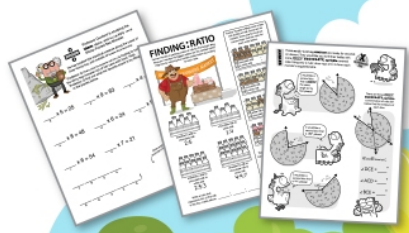
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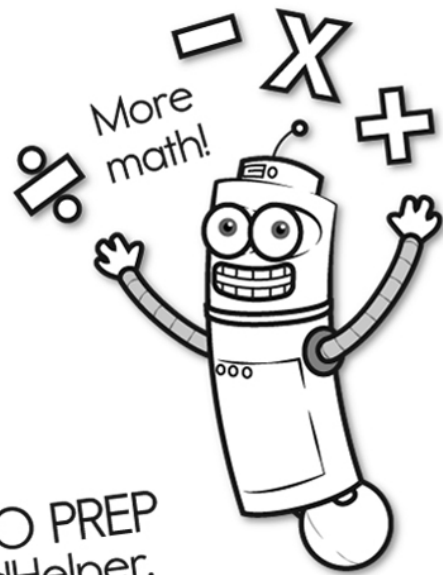
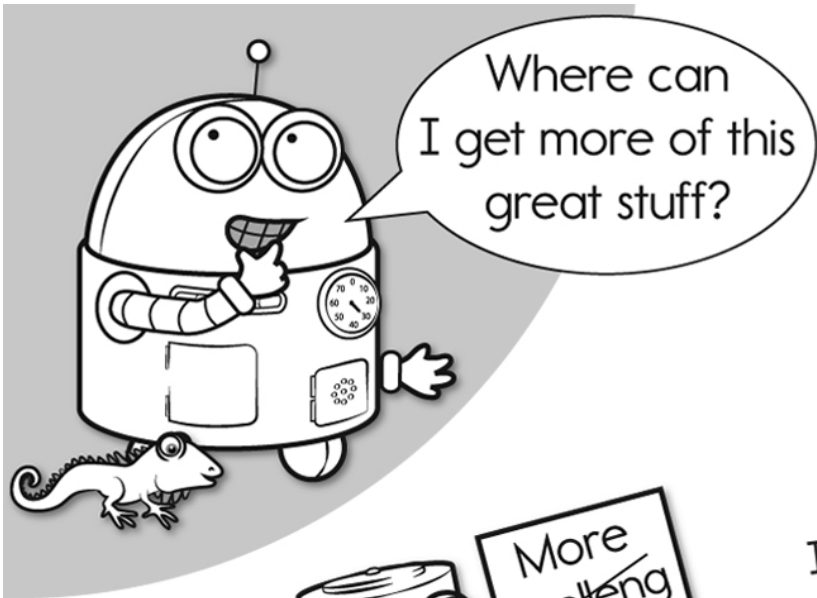
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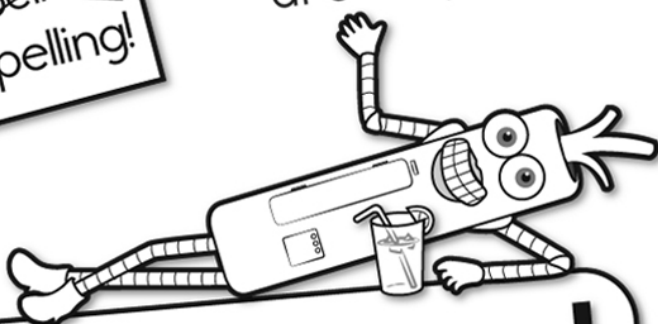


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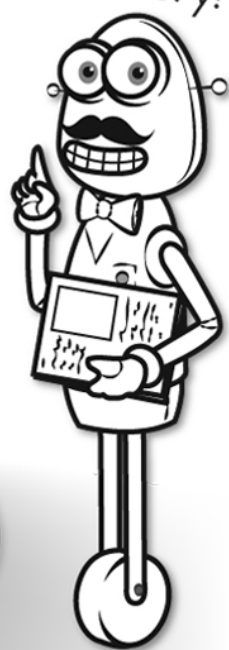


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More history!



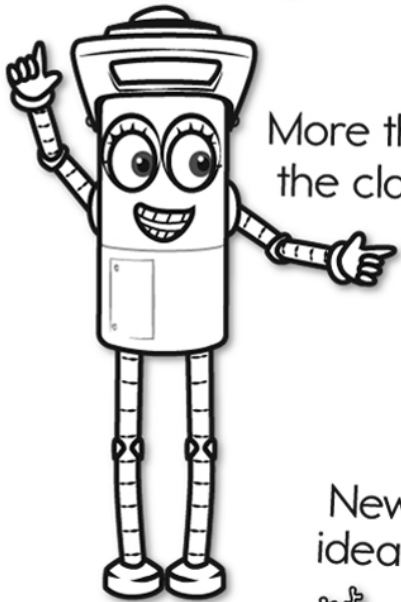
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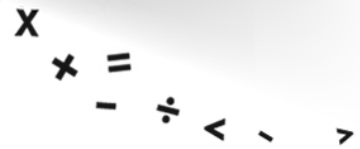
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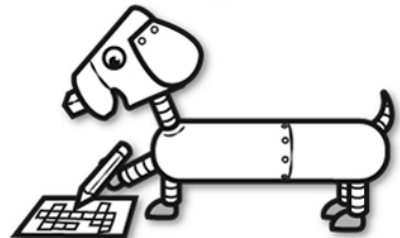
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