

Name: _____

Jessica likes to run. She started using a running app on her phone in August. During the month, she ran an average of 1.7 miles per day. How many miles did she run for the entire month?

Put these numbers in order from largest to smallest.

7.201

7.19

7.204

7.13

Name: _____

Mental Math

— #1 —

☐ Start with the number 9.

9

☐ Add the number of nickels in a dollar.

2 1 1 8 3 2 9 9 6 2 (Circle your answer to double check you are correct.)

☐ Round to the nearest ten.

2 0 3 0 3 5 7 2 5 6

☐ Add the digits in your number. The sum of that is your new number.

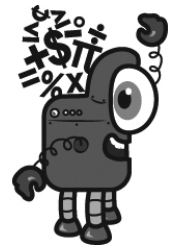
8 9 2 3 3 3 1 2 7 4

☐ Add half of 60.

9 1 5 1 3 3 4 9 3 2

☐ Round to the nearest ten.

7 3 0 4 4 8 3 6 8 5



Mental Math

— #2 —

☐ Start with the number 516.

5 5 9 8 8 1 5 1 6 1 (Circle your answer to double check you are correct.)

☐ Subtract 22.

4 9 4 5 8 9 5 1 4 6

☐ Divide that number in half.

5 1 3 3 2 4 7 6 8 8

☐ Subtract 19.

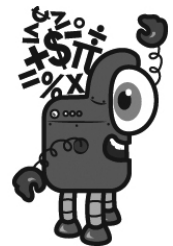
4 2 2 8 7 2 3 7 1 8

☐ Add a half dozen.

8 4 5 4 9 5 2 3 4 5

☐ Divide that number in half.

3 2 6 7 5 1 1 7 7 3



Name: _____

Rose bought five packages of Jell-O to use in a molded fruit salad. Each package cost \$0.97. She also bought three cans of mixed fruit for \$1.16 per can and some whipped topping for \$1.86. What was the total cost of her purchases?

Jungle Jim took 257 pounds of food for himself and 7 other team members into the jungle. If it takes 3.4 pounds of food per day to feed one person, how long can they stay in the jungle before there is not enough food to feed everyone?

Put these numbers in order from largest to smallest.

4.127

4.16

4.09

4.14

The Zippy Zoo is special.

"Why?" asks Sally.

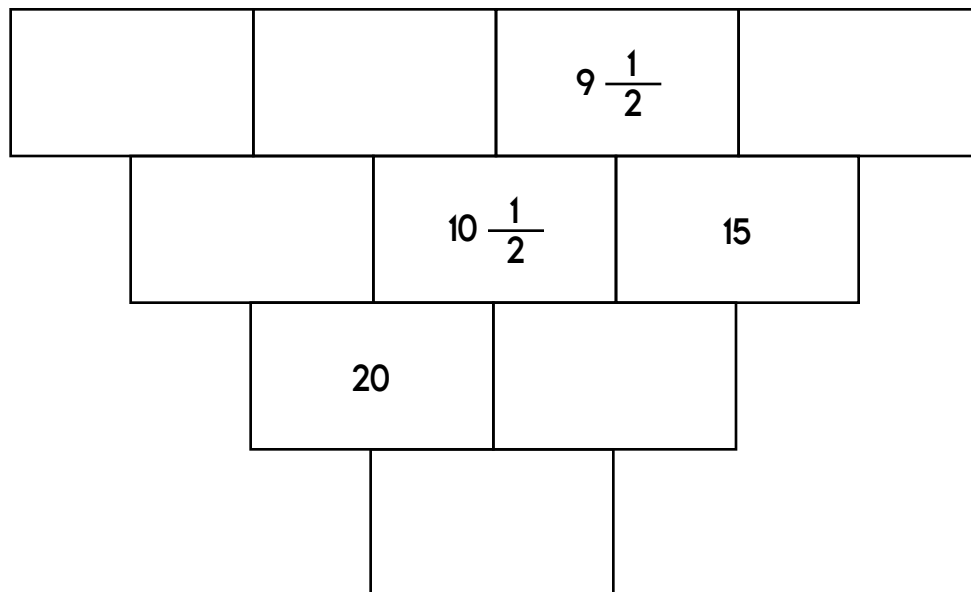
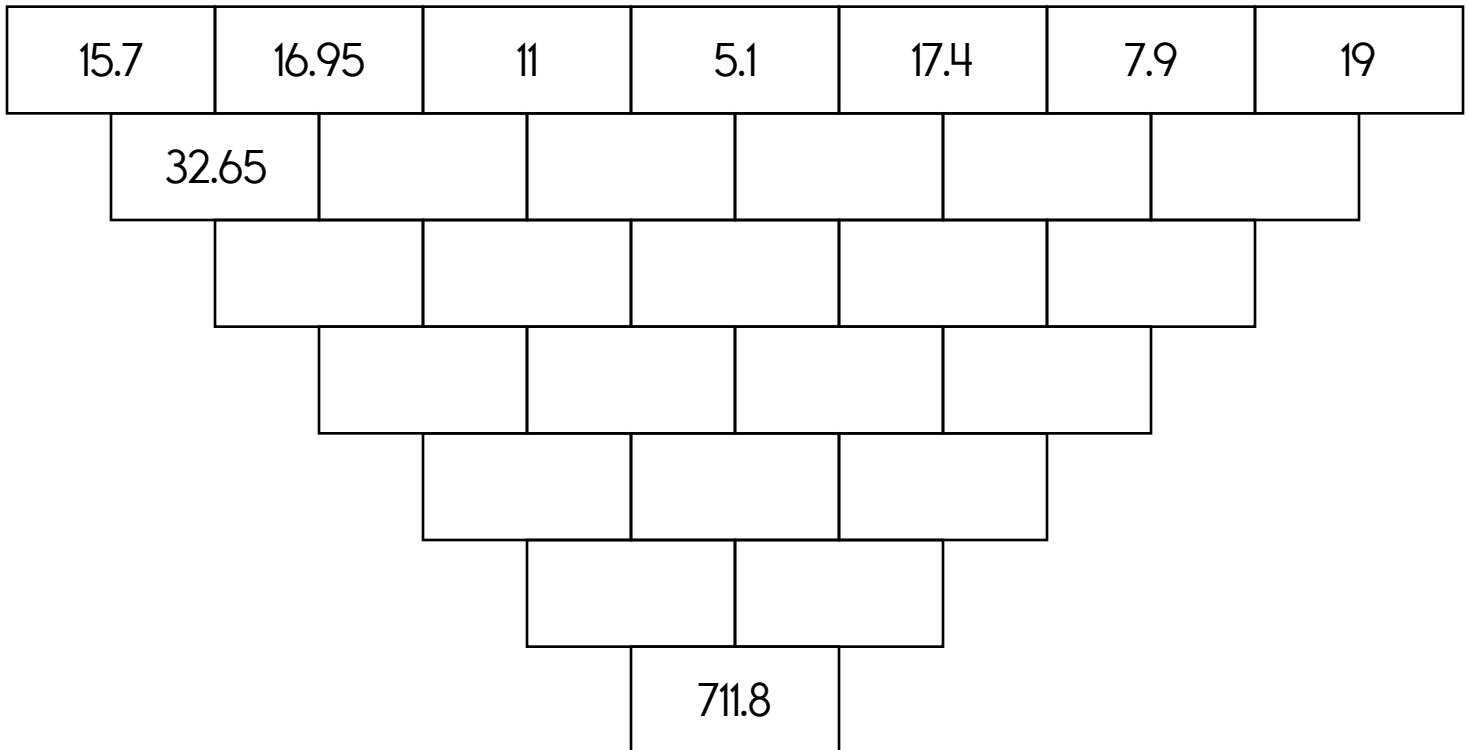
"Just look!" yells her brother.

It is obviously special because all they have are zebras. A total of 60 of them! The cool part is that 2 out of every 6 zebras at Zippy Zoo are not real zebras. They are robots.

"Wow," says Sally. "How many robot zebras are there?"

Name: _____

The block below is the sum of the two blocks above. Fill in the missing blocks.



<p>For 2,215,869,187,762, write the digit that is in the ten thousands place.</p> <p>_____</p>	$\begin{array}{r} 53 \\ - 13 \\ \hline \end{array}$	<p>28 kg = _____ g</p>
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Name: _____

<p>Jason and his father left for the butterfly garden at 10:33 a.m. They had lunch and went to the garden. They arrived back home at 2:12 p.m. How long were they gone?</p>	<p>Anne walked to the store in 15.6 minutes. She bought Band-Aids for \$0.55, gauze for \$1.29, and suntan lotion for \$2.89. She gave the clerk a \$10 bill. She left the store at 3:45 a.m. It took her 19.2 minutes to walk home. How much longer did it take her to walk home than it took to walk to the store?</p>	<p>At the craft shop, Sarah bought 7 packages of quilting squares. Each package cost \$6.21. She gave the clerk two 20-dollar bills and one 10-dollar bill. How much change will she get?</p>
---	--	---

<p>$9 \times 7 =$</p>	<p>Rose will win if a random number pulled out of a box is an odd number. 41 pieces of paper, numbered 1 to 41, are put inside a box. What is the chance that Rose will not win?</p>	$\begin{array}{r} 25 \\ + 28 \\ \hline \end{array}$	$\begin{array}{r} 474 \\ + 367 \\ \hline \end{array}$
$\begin{array}{r} 604 \\ - 315 \\ \hline \end{array}$			

Explain what is meant by the underlined phrase.

Hearing that I made an A on my final exam was music to my ears.

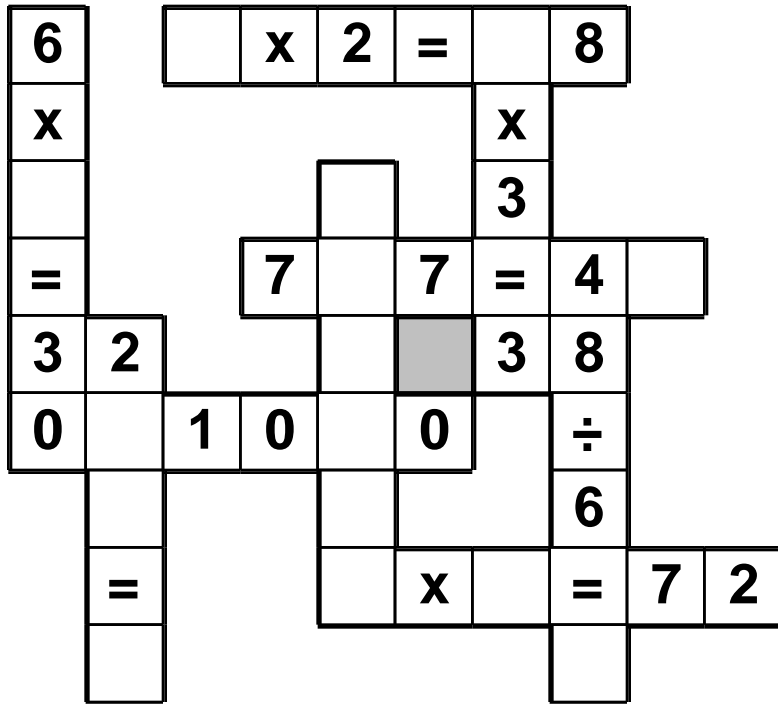
Name: _____

<p>Erin invented a robot. The robot's name is Robert. Robert can go a maximum speed of 5 mph. At that rate, how long would it take Robert to go 19 miles?</p>	<p>1 cm = 10 mm</p> <p>17 cm = _____ mm</p>
<p>Write the missing family fact.</p> <p>27 x 8 = 216 216 ÷ 8 = 27 8 x 27 = 216</p> <p>_____</p>	<p>How many grams are in 9 kilograms?</p> <p>_____ grams</p>
<p>If you multiply 202 x 322, you will have a number that is how much bigger than 101 x 322?</p> <p>It will be twice as big. It will be five times as big. It will be six times as big. It will be eight times as big. It will be nine times as big. It will be three times as big.</p>	<p>5 x 10 =</p>
<p>(3 + 6) + 9 =</p>	<p>Can 373 be evenly divided by 12? Circle: 373 is NOT evenly divisible by 12 373 is evenly divisible by 12</p>
<p>Adam started his homework at 3:11 p.m. He worked for 39 minutes. What time did he finish?</p>	

Name: _____

9 • 1 • 5 • 7 • x • 9 • 4 • x • = • 2 • 2 • 8 • 9 • 4 • 8

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



How many digits are in the current year?

Wendy has two favorite numbers. If you add her favorite numbers, you get 14. If you multiply her favorite numbers, you get 24. What are her mystery numbers?

Circle the greatest number:

94,563,083,062

428,217

10,685

397,247,156,039

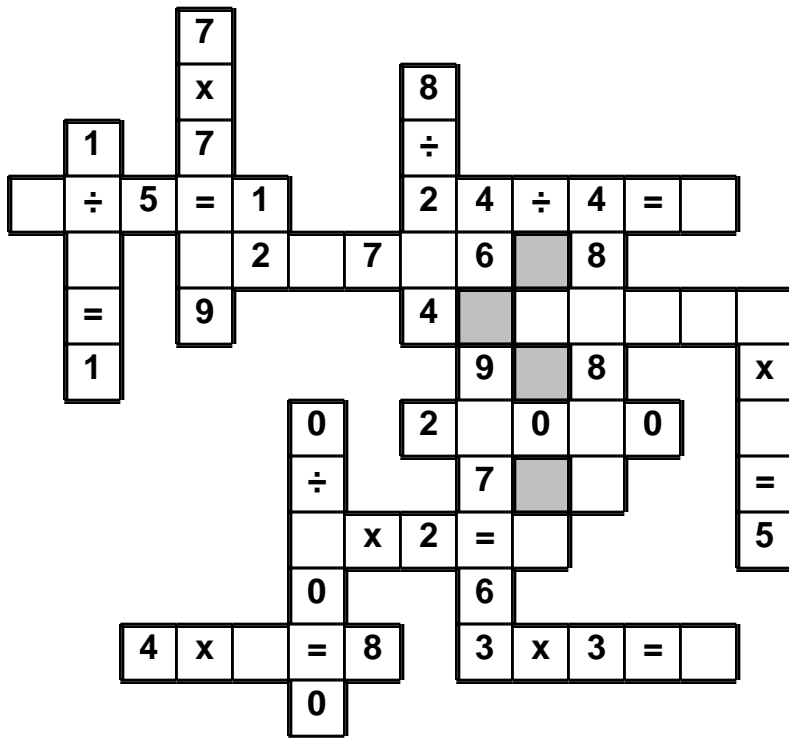
Circle the correctly spelled words.

scratch, scware, scweeze, squirm

Name: _____

5 • 6 • 1 • 4 • ÷ • = • 3 • ÷ • 3 • = • 1 • x • = • 5 • 6 • 1 • 2
2 • 9

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



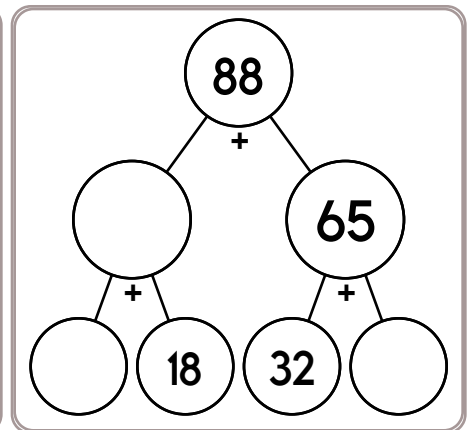
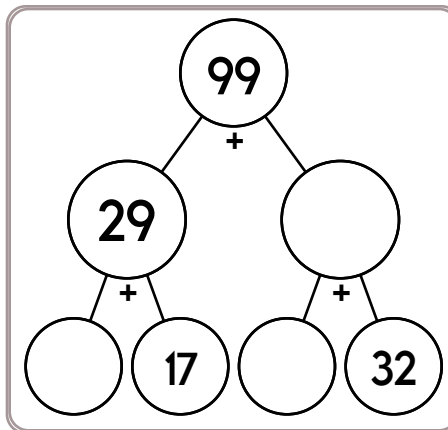
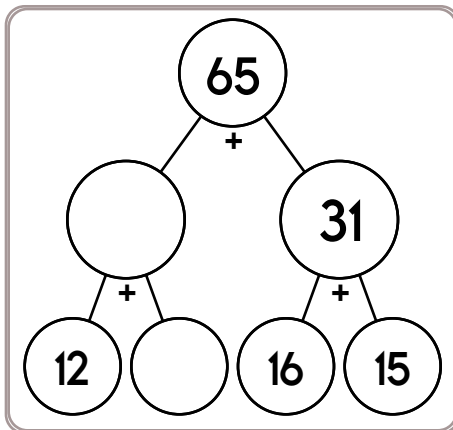
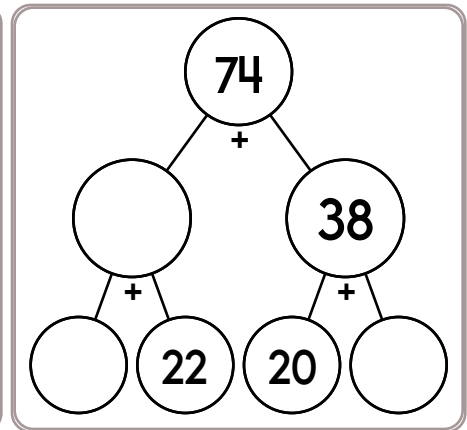
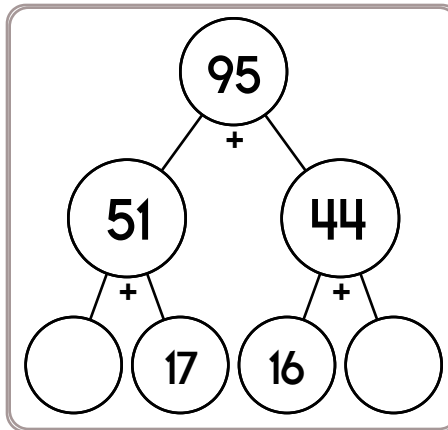
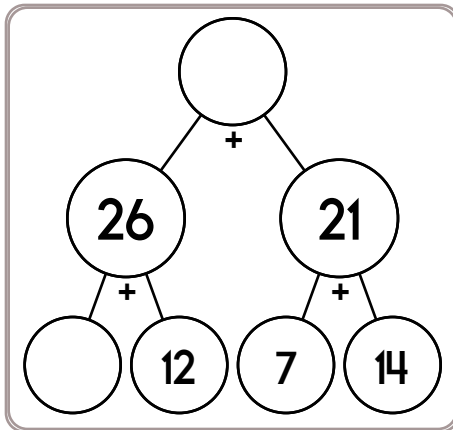
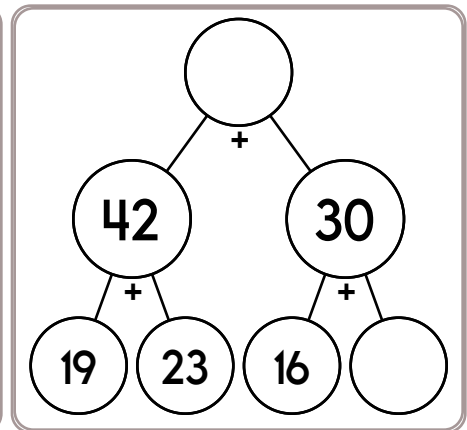
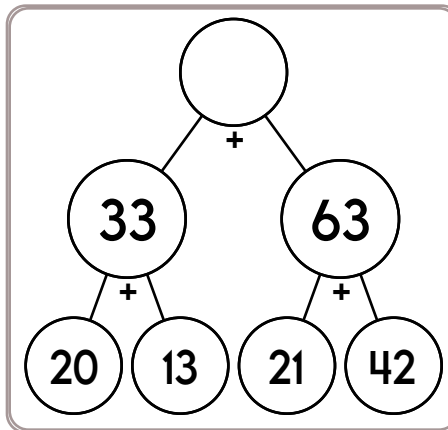
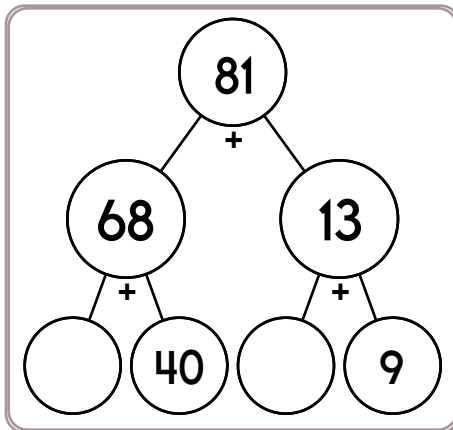
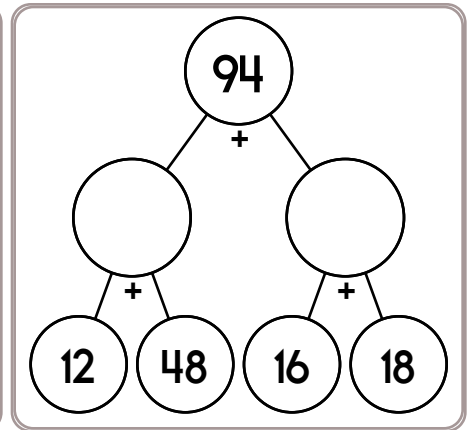
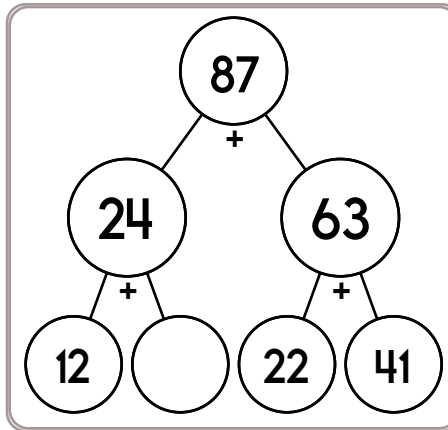
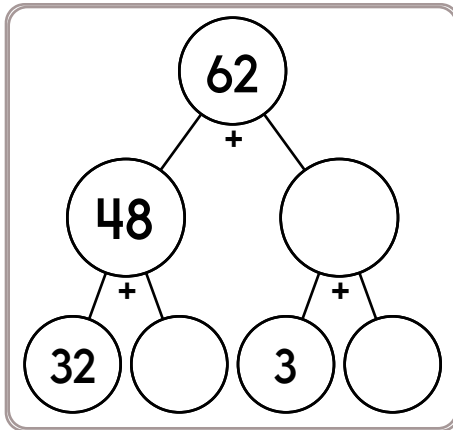
Write a letter that has two or more lines of symmetry.

Gavin went to the store and bought 6 batteries. Each battery cost \$1.10. He also bought a flashlight for \$4.80. He had \$6.22 left. How much money did he start with?

Anna will win if a random number pulled out of a box is a number divisible by 5. 22 pieces of paper, numbered 17 to 38, are put inside a box. What is the chance that Anna will win?

12 x 11 =

Name: _____



Name: _____

Anne is playing a game against Ava. They have to find blocks and bring them back to their digital house. After ten minutes of play, the one with the most blocks wins. Who is currently winning?

Ava has between 27 and 38 blocks. When she puts her blocks into piles of 7, there will be 3 blocks left over. When she puts her blocks into piles of 6, there will be 1 block left over.

Anne has between 27 and 38 blocks. When she puts her blocks into piles of 7, there will be 2 blocks left over. When she puts her blocks into piles of 6, there will be 1 block left over.

Jessica and two of her friends are playing a game where they can spend HBucks to buy extra lives and potions. Who spent the most HBucks? To purchase 3 extra lives costs 5 HBucks. To purchase 6 potions costs 4 HBucks.

Jessica bought 9 extra lives and 18 potions.

Sarah bought 9 extra lives and 12 potions.

Emily bought 12 extra lives and 12 potions.

Which fraction is larger?

$$\frac{1}{2} \text{ or } \frac{3}{5}$$

$$\frac{7}{18} \text{ or } \frac{4}{9}$$

$$\frac{34}{49} \text{ or } \frac{17}{56}$$

David got 2 personal pizzas. He cut his pizza into 6 equal slices and then ate 4 slices. He gave the other pizza to Rose. She cut her pizza into 8 equal slices and then ate 5 slices. Draw a picture of each pizza.

Who ate the most pizza?

Name: _____

I am a 2-digit number that is divisible by 3 and 6. If you add my digits together, the sum is 9. What number am I?

I am a 2-digit number that is divisible by 3 and 9. If you add my digits together, the sum is 9. What number am I?

I am a 2-digit number that is divisible by 5 and 6. If you add my digits together, the sum is 9. What number am I?

Name: _____

A toy car can go 4 mph.
How long would it take to
go 14 miles?

How many minutes is it
from 8:00 a.m. to 11:15 a.m.?

Round 16,405 to the
nearest thousand.

What 3 coins add up to 55
cents?

How many centimeters in
3.6 meters?

The perimeter of a
rectangle is 22 cm. The
longer side is 9 cm. How
long is the shorter side?

It was 4 degrees below
zero in the morning. By
afternoon the temperature
rose 24 degrees. How
warm was it?

$$1 + (7 \times 6) + 9$$

$$42 \div 7 + 8$$

Draw a number line
with 0, $\frac{1}{2}$, and 1. Show
where $\frac{5}{12}$ would go. Is
 $\frac{5}{12}$ closer to 0, $\frac{1}{2}$, or 1?

J, K, K, L, L, M, M,
_____, N, O, O, P

$4\frac{1}{2}$, $4\frac{1}{4}$, 4, $3\frac{3}{4}$,
 $3\frac{1}{2}$, $3\frac{1}{4}$, 3, $2\frac{3}{4}$,
 $2\frac{1}{2}$, $2\frac{1}{4}$, 2, $1\frac{3}{4}$,
 $1\frac{1}{2}$, $1\frac{1}{4}$, 1, _____, $\frac{1}{2}$,
 $\frac{1}{4}$



Name: _____

Get a fidget spinner! Spin it.

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

It was 7 degrees above zero in the morning. By afternoon the temperature rose 27 degrees. How warm was it?

$$3\frac{2}{7} + 5\frac{6}{7}$$

How many centimeters in 990.4 meters?

(76,886,718,750) ,
_____, (341,718,750) ,
(22,781,250) , (1,518,750) ,
(101,250) , (6,750) ,
(450) , (30)

2.5, 8.5, 11, 19.5, 30.5,
50, _____, 130.5, 211,
341.5, 552.5, 894, 1446.5

The area of a rectangle is 32 cm^2 . What could the length of the 4 sides be?

The radius of a circle is 389 cm. What is the diameter of this circle?

Yummy Donuts gave three dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

$\frac{1}{8}$, (1) , (8) , (64) ,
_____, (4,096) ,
(32,768) , (262,144)

How many meters are there in 121 kilometers?

A rectangle is 59 cm on one side and 15 cm on another side. What is the perimeter?

$$27 + n = 46$$

Name: _____

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

41956, 56419, 19564, 64195, 95641, 41956, 56419,
19564, 64195, 95641, 41956, 56419, 19564, _____

667251, 516672, 725166, 667251, 516672, 725166, _____,
_____, 725166, 667251, 516672, _____, _____, 516672

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

If

$$1, 1 = 1$$

$$2, 2 = 4$$

$$3, 3 = 9$$

$$4, 4 = 16$$

Then

$$5, 5 = ?$$

If

$$3, 3 = 9$$

$$4, 4 = 16$$

$$5, 5 = 25$$

$$6, 6 = 36$$

Then

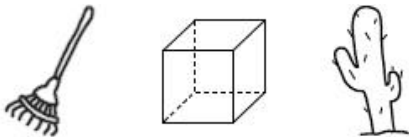
$$7, 7 = ?$$

Name: _____

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

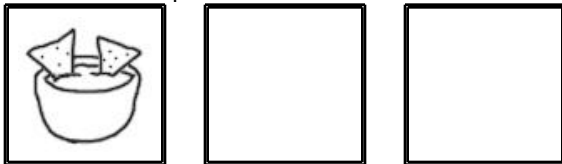


Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.



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

Draw the 3 pictures in the correct order:



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.

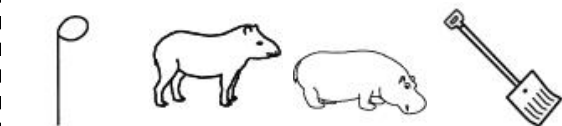
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



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

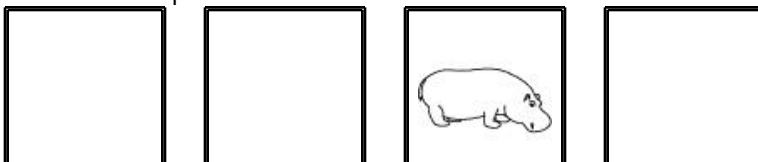


Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.



Draw 3 of these 4 pictures.
The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



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



Draw 2 of these 4 pictures.
None of those pictures are in the correct spot.

Name: _____

$$7 \overline{) 15315}$$

$$5 \overline{) 489945}$$

$$4 \overline{) 45576}$$

$$9 \overline{) 54675}$$

$$3 \overline{) 225444}$$

$$8 \overline{) 4216}$$

$$6 \overline{) 24.6}$$

Change $\frac{5}{8}$ to a decimal.

$$9 \overline{) 1.8}$$

Write $\frac{8}{10}$ in lowest terms.

Know how many inches in a foot? Okay, smarty pants, how many inches in 5 feet?

72 divided by 6 equals

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

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

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

5 1 4 2 3

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

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

1 4 5 2 3

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

Hint - These numbers are missing:

5 2 4 1 3 2 1 2

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

Hint - These numbers are missing:

2 1 3 3 1 2 2 1

Name: _____

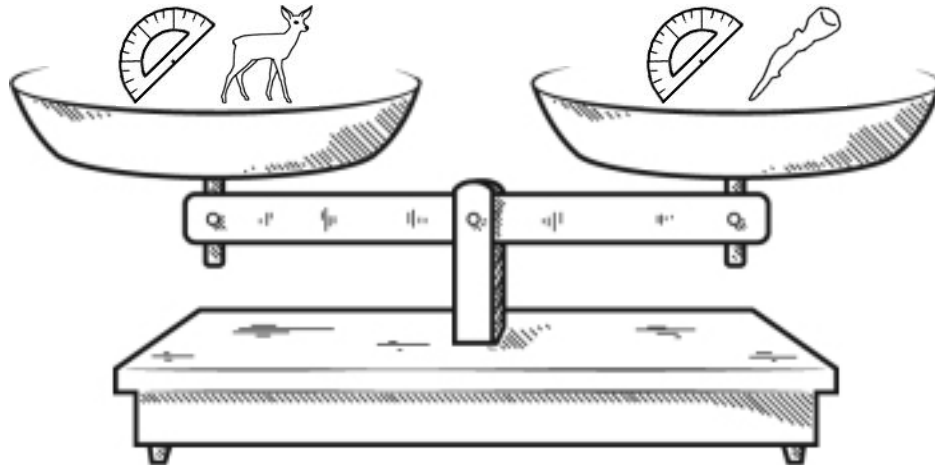
Each row, column, and box must have the numbers 1 through 6.

			6		5
	6				
				3	
	3	4			1
5			4		
4					3


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


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


Name: _____




It may help to give values to pictures.




 = 13

 = 13




 =

 =



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

  > 





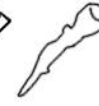
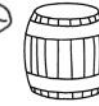
☐ True ☐ False

  = 







☐ True ☐ False

 = 








☐ True ☐ False

   <   








☐ True ☐ False

   =   

☐ True ☐ False

    =   

☐ True ☐ False

   =    

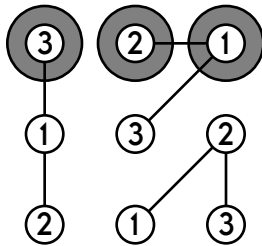
☐ True ☐ False

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

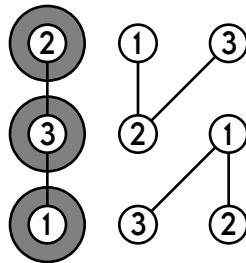
Hint: If you see the same pieces on both sides, you might need to remove both pieces.

Name: _____

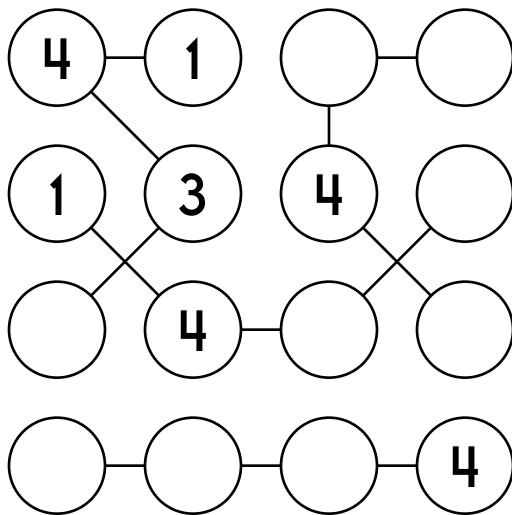
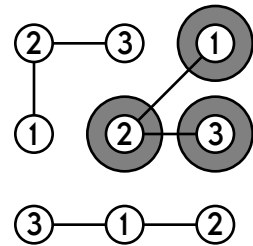
Each column must contain
different numbers.



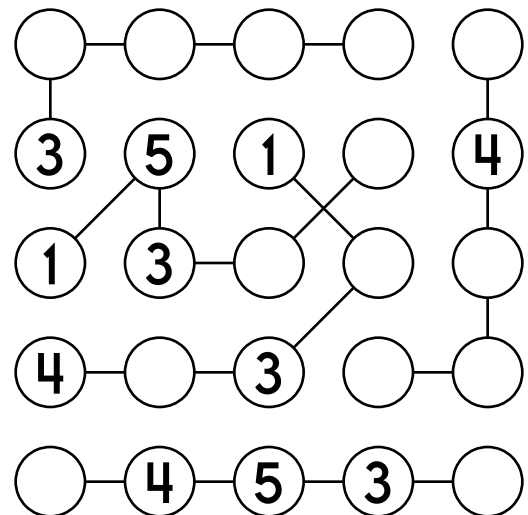
Each row must contain
different numbers.



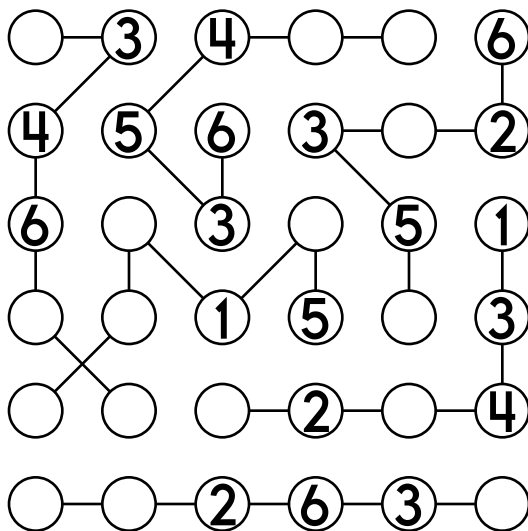
Each connected group must
contain different numbers.



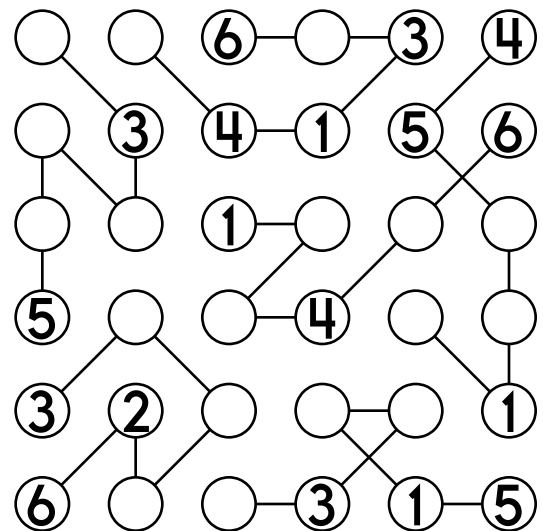
Use the numbers 1 through 4.



Use the numbers 1 through 5.



Use the numbers 1 through 6.



Use the numbers 1 through 6.

Name: _____

Sudoku Sums of 15

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 15.

Here is an example of a sudoku sum of 15:

3	12
---	----

		1	2	5	8			
		6					2	
		5	3		6			1
	2			9				6
5					7		1	
			6		3	8		
							7	9
6	9					1		3
	1					6		4

$45 \div 5 =$

Write 29,056 in words.

Circle the answer that best completes the sentence.

On Monday, I (will/would) go ice skating.

Circle the smallest number:

328,194,065

72,149,038,657

583,609

4,213

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.
One set of sums has been done for you.

sum of 6 ↓		sum of 7 →				sum of 6 ↓	sum of 7 ↓
		sum of 7 ↓	sum of 10 ↓	sum of 4 →		1	
	sum of 10 →					4	
	sum of 9 →					1	
sum of 6 ↓				sum of 8 ↓			
		sum of 8 ↓			sum of 9 ↓	sum of 9 ↓	
	sum of 9 →						
	sum of 8 →						

sum of 3 ↓	sum of 5 ↓		sum of 4 ↓	sum of 6 ↓			
		sum of 3 →					sum of 10 ↓
					sum of 3 →		
		sum of 5 →	2	3	sum of 9 →		
			sum of 10 ↓		sum of 7 ↓		
		sum of 4 →				sum of 3 ↓	
sum of 5 →							
		sum of 9 →					

Write an equation to represent this:

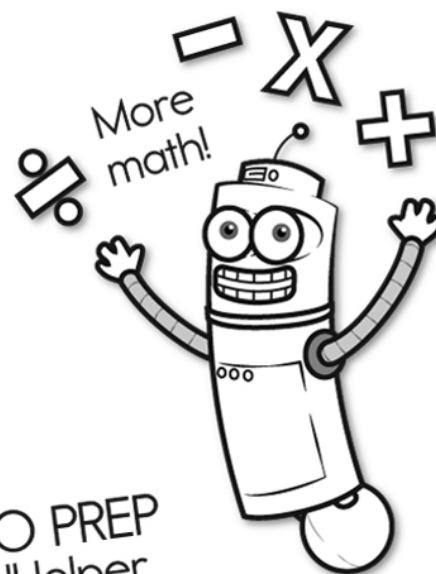
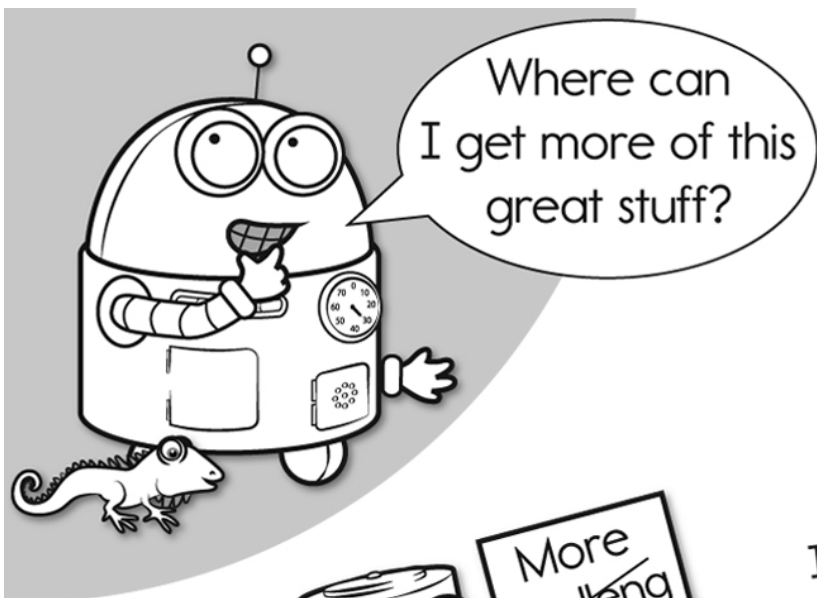
The product of seven and eleven is seventy-seven.

Holly wants to call Megan.
Megan is on vacation in Asia.
It is a time difference of fourteen hours. Megan's time is always later than Holly's time.
If it is 9:54 A.M. where Holly lives, then what time is it where Megan is?

Circle the addition property for $70 + 83 = 83 + 70$.

associative property
commutative property

List six of the smallest whole numbers that are greater than 104, are multiples of 3, and are not multiples of 8.

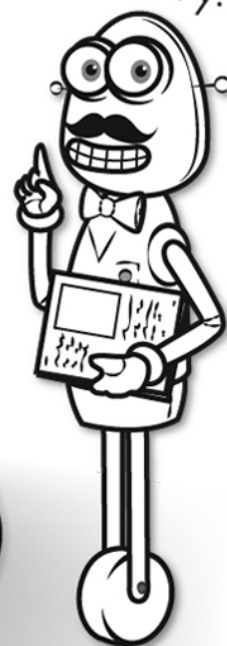


It's NO PREP at edHelper.

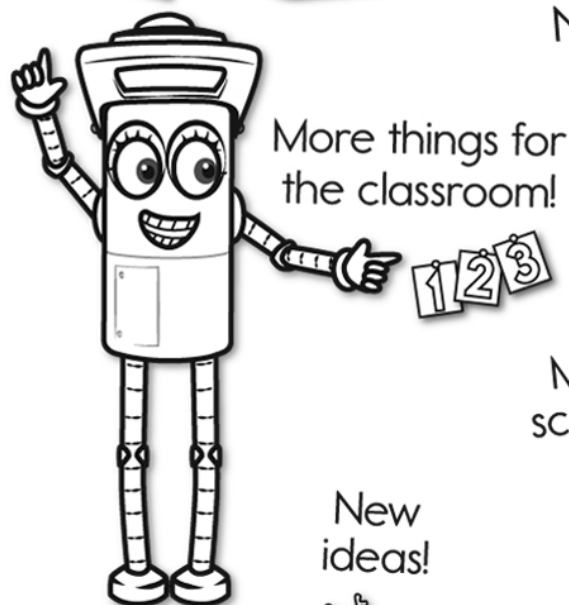
More history!



edHelper.com!



New online math games!



New ideas!



More science!



More puzzles!

