

Name: _____

Complete each pattern. Write what the rule is.

$$\frac{1}{3}, \frac{2}{3}, 1, 1\frac{1}{3}, 1\frac{2}{3}, 2, 2\frac{1}{3}, 2\frac{2}{3}, \underline{\hspace{1cm}},$$

$$3\frac{1}{3}, 3\frac{2}{3}, 4, 4\frac{1}{3}, 4\frac{2}{3}, 5, 5\frac{1}{3}, 5\frac{2}{3}$$

$$\frac{2}{3}, 1, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 2, 2\frac{1}{3}, 2\frac{2}{3}, 3, 3\frac{1}{3},$$

$$3\frac{2}{3}, 4, 4\frac{1}{3}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 5\frac{1}{3}, 5\frac{2}{3}, 6$$

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

$$81931, 19318, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 18193, 81931, 19318,$$

$$93181, 31819, 18193, 81931, 19318, 93181, 31819$$

$$55988, 59885, 98855, 88559, 85598, 55988, 59885,$$

$$98855, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 55988, 59885, \underline{\hspace{1cm}}, 88559$$

Name: _____

$$30 \times 229 =$$

- A) 6,876
- B) 6,870
- C) 68,100
- D) None of the above

$$7 \times 1,780 =$$

- A) 124,620
- B) 12,460
- C) 32,360
- D) 12,450

Which answer has the least unit size?

- A) 5 qt
- B) 4 gal
- C) A and B are equal.

Which of the following numbers cannot be evenly divided into 56?

- A) 7
- B) 27
- C) 2
- D) 4

7 tens and 3 ten thousands =

- A) 37
- B) 30070
- C) 70030

$$28 \div 7 =$$

- A) 8
- B) 1
- C) 4
- D) 21

Name: _____

How many coos are equal to 4 chirps?

4 chirps = 2 laughs
4 laughs = 16 gobbles
4 gobbles = 3 coos

Write a 3-digit odd number.

triple 53 =

Write the number that has exactly 6 millions.

If you exchange 70 dimes for dollars, then how many dollars would you get?

double 32 =

The number 48 is more than the number 9 by how much?

1 km = 1,000 m

9 km = _____ m

Circle the correctly spelled words.

govaner, governor
issue, ishue
lecture, lekshure

12 x 6 =

Name: _____

Justin was having so much fun making cupcakes for his class. He made $3\frac{1}{2}$ dozen of them! But there are only 19 kids in his class. Luckily everyone ate one cupcake except for Anne. How many cupcakes are left over?

Write the reciprocal.

$$\frac{9}{14}$$

Write the reciprocal.

$$\frac{4}{1}$$

Write the reciprocal.

$$\frac{1}{2}$$

How many minutes are there from 5:00 p.m. until 5:45 p.m.?

C, F, I, _____, O, R,
U, X

Write the number that is one ten less than 4,688.

What is the homophone of this word?
peace

26 kg = _____ g

8 x 10 =

Name: _____

<p>Kevin didn't have much to do. It was Quiet Day and he hated being quiet. He decided to draw. First he drew a rectangle with a perimeter of 20 inches. Then he drew 2 circles inside it. The circles had a diameter of 4 inches. The rectangle was 5 inches long. How wide was it?</p>	<p>Mary wants to use lime-flavored tortilla chips as a topping on salads she is making for a large family reunion. If an 8-ounce bag of chips will make $\frac{1}{4}$ of a cup of crushed chips, how many bags of chips will she need to make $3\frac{3}{4}$ cups of crushed chips for her salads?</p>	<p>Mrs. Allen is making a honey cake. She will use $\frac{4}{8}$ of a cup of honey in the cake and $\frac{3}{8}$ of a cup of honey in the frosting. How much honey will she use in all?</p>
--	--	---

<p>$(8 + 4) + 2 =$</p>	<p>Which is the largest?</p> <p>$69.2 \div 9.4$ $69.2 \div 9.3$ $69.2 \div 9.5$</p>
<p>Circle the correct answer. I have often heard that it takes (to/two) to tango.</p>	

<p>$\begin{array}{r} 316 \\ + 314 \\ \hline \end{array}$</p>	<p>Write a letter that has a line of symmetry.</p> <p>_____</p>	<p>$\begin{array}{r} 93 \\ - 78 \\ \hline \end{array}$</p>	<p>$66 \div 6 =$</p>
---	---	---	---------------------------------

<p>Write 7,920 in words.</p> <p>_____</p>	<p>$\begin{array}{r} 847 \\ - 679 \\ \hline \end{array}$</p>
---	---

Name: _____

Sudoku Sums of 8

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 8.

Here is an example of a sudoku sum of 8:

1	7
---	---

$$\begin{array}{r} 49 \\ + 41 \\ \hline \end{array}$$



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

How many digits are in the current year?

What time is 13 hours after 2:00 a.m.?

Circle the relative adverb.

I can't remember when I saw you last.

How many grams are in 4 kilograms?

_____ grams

Name: _____

April was given five numbers: 2, 3, 6, 5, and 1. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than five-sixths?

Can 312 be evenly divided by 6? Circle:
312 is evenly divisible by 6
312 is NOT evenly divisible by 6

Circle the greatest number:

20,901,728,346

290,418,537,691

46,731,589

2,760,458

Circle the addition property for $35 + 139 = 139 + 35$.

associative property

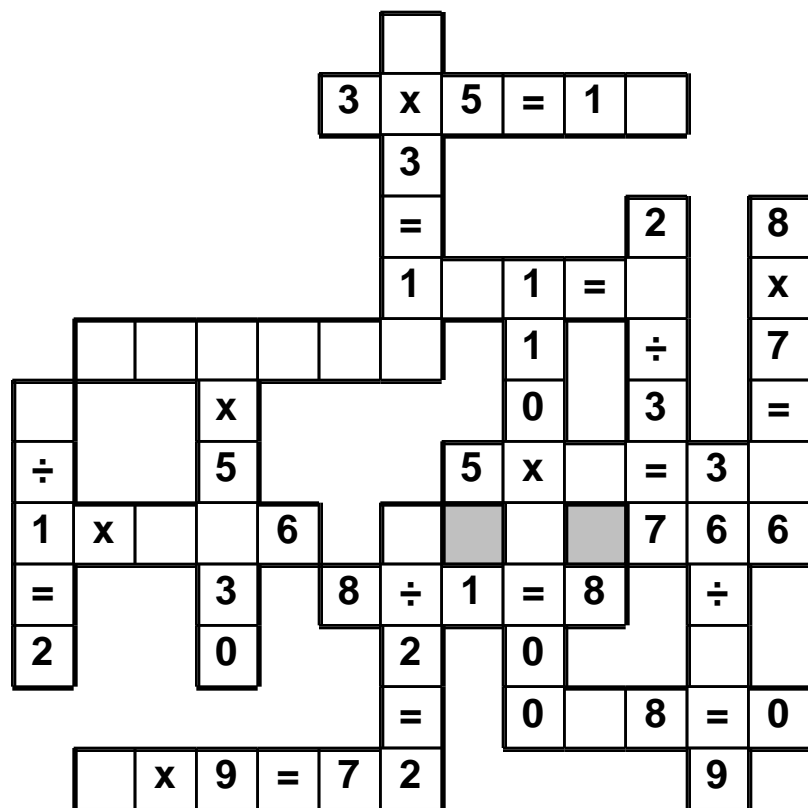
commutative property

Ava will win if a random number pulled out of a box is a multiple of 3. 30 pieces of paper, numbered 24 to 53, are put inside a box. What is the chance that Ava will win?

How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.



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



984 is NOT evenly divisible by 12

Draw a shape that has between four and five lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.



parable, parallel

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 4 →			sum of 6 →			sum of 9 ↓	sum of 6 ↓
sum of 4 ↓	sum of 4 →						
		sum of 9 ↓		sum of 4 ↓	sum of 8 →		
	sum of 7 →						
sum of 4 ↓	sum of 11 →						
	sum of 2 ↓		sum of 9 →				
		sum of 9 →	4	1	4		
		sum of 10 →					

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

$11 \times 4 =$	$50 \div 10 =$
-----------------	----------------

Ten kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$110. How much is one kids ticket? How much is one adult ticket?

In the number 52,439,816,350, the digit 0 is in what place?



For 508,593,284, write the digit that is in the ten thousands place.

Add the correct end punctuation for this sentence.

Did you know that Valley Forge is in Pennsylvania

Circle the smallest number:

38,412	9,080
2,146,753	569,724,061

Name: _____

Pay the bill!

Maria needs money. She wants to get \$200 in cash, so she writes a check payable to cash in this amount. Write this check.

MARIA	1404
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆992583984⑆	⑈65915⑈ 1404

Pay the bill!

Maria received a bill from Central Water for \$193.95. Write the check as Maria would write it.

MARIA	1405
	DATE _____
PAY TO THE ORDER OF _____	\$ <input style="width: 100px;" type="text"/>
_____	DOLLARS
MEMO _____	
⑆992583984⑆	⑈65915⑈ 1405

$$4 + 11 + 5$$

$$5 \div \frac{1}{7}$$

Estimate quickly the difference.
4,200 - 2,050

It was 4 degrees above zero in the morning. By afternoon the temperature rose 29 degrees. How warm was it?

Round 7,506 to the nearest thousand.

Round 52,472 to the nearest hundred.

Name: _____

Jane started working on homework at 4:30 and finished the assignment at 5:00. How long did Jane work on homework?

- A) 30 minutes
- B) 38 minutes
- C) 45 minutes

$$5.0 + 0.14 =$$

- A) 500.14
- B) 51.4
- C) 50.14
- D) 5.14

What number is missing from the following sequence?

74, 68, 62, 56, ____, 44

- A) 52
- B) 45
- C) 50
- D) 48

$$\text{_____} + 79 = 157?$$

- A) 17
- B) -79
- C) 0
- D) 78

How many inches in 11 feet?

- A) 24 inches
- B) 132 inches
- C) 528 inches

seven hundred seventy-six =

- A) 776
- B) 767
- C) 70067

Name: _____

Estimate the time from 10:18 P.M. to 4:46 A.M.

- A) 7 hours
- B) 9 hours
- C) 3 hours
- D) 5 hours

$12 \times 3 = 6 \times \underline{\hspace{1cm}}$?

- A) 5
- B) 9
- C) 4
- D) 6

$98.39 \div 100 =$

- A) 10.9839
- B) 0.9839
- C) 0.09839
- D) A and B are equal.

Which fraction has a value greater than one-fifth?

- A) $\frac{1}{9}$
- B) $\frac{1}{6}$
- C) $\frac{1}{2}$
- D) $\frac{1}{7}$

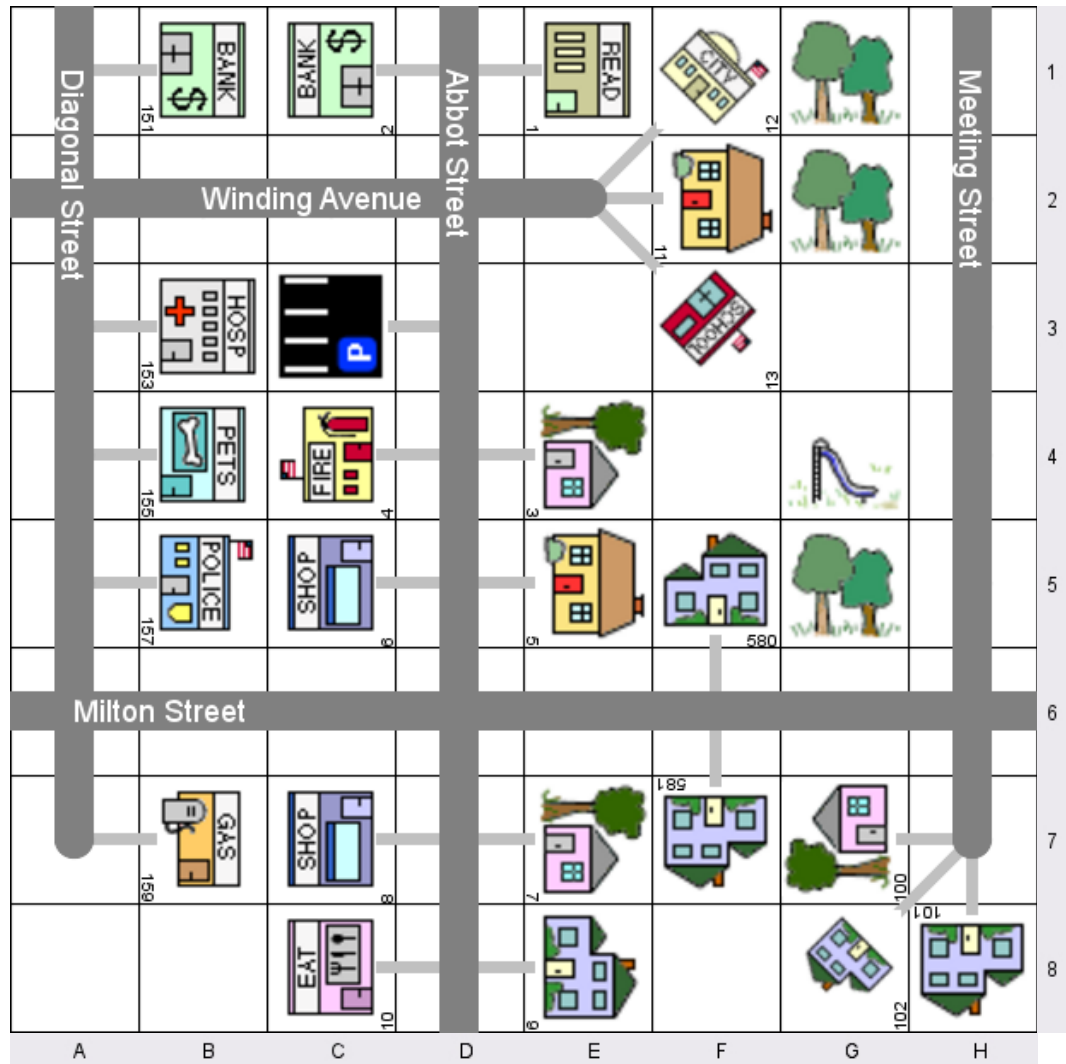
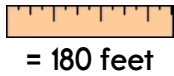
$11 \times 7 =$

- A) 71
- B) 77
- C) 781
- D) A and B are equal.

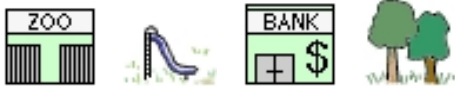
Given the digits 1, 8, and 7, how many different three-digit numbers can you create greater than 700 if you can only use each digit once for each different number?

- A) 1
- B) 4
- C) 7
- D) 12

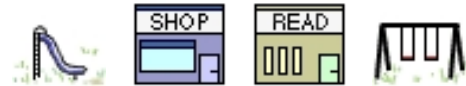
Name: _____



Circle the one at G,4.



Circle the one at E,1.



4 Abbot Street



is at _____.

581 Milton Street



is at _____.

151 Diagonal Street



is at _____.

3 Abbot Street



is at _____.

11 Winding Avenue



is at _____.

153 Diagonal Street



is at _____.

Name: _____

Circle the building that is located on Winding Avenue.





Which street has a gas station?



Which street has a city hall?



Abbot Street is _____
of Meeting Street.

Milton Street is _____
of Winding Avenue.

Go _____ to drive from the
school at 13 Winding Avenue  to the
house at 11 Winding Avenue .

[Hint: Use north, south, west, or east.]

Write the total distance to go from the
house at 102 Meeting Street  to the
house at 11 Winding Avenue .

Write the total distance to go from the
gas station at 159 Diagonal Street  to the
gas station at 159 Diagonal Street .

Write directions to get from the bank at 151 Diagonal Street to the police station at 157 Diagonal Street.

Begin at the house at 7 Abbot Street. Walk the path to the road. The distance from your starting point to the road (the little path) is 51 feet. Go north on Abbot Street. Turn east when you reach Milton Street. Your final destination is on the south side of Milton Street. You will have walked a total of 111 feet from your starting point (including the 51 feet path at the end of your walk). What is your final destination?

Name: _____

Ready to make equations? There is a missing equation in each box.

Circle the numbers once you find it!

A

19	44	35
18	94	67
57	47	89
40	87	15

Find a subtraction fact.

B

73	30	71
60	12	67
23	79	81
63	17	38

Find a subtraction fact.

C

73	74	86
57	95	66
76	55	36
59	54	56

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	87	-	47	=	40
B		-		=	
C		-		=	

Anne wants to call Amanda. Amanda is on vacation in Asia. It is a time difference of nine hours. Amanda's time is always later than Anne's time. If it is 10:36 A.M. where Anne lives, then what time is it where Amanda is?

Write an equation to represent this:

The difference between sixteen and three is thirteen.

Add the correct end punctuation for this sentence.

I won first place in the school spelling bee

$$42 \div 7 =$$


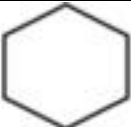




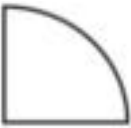







Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

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

Each row, column, and box must have 6 different pictures.

Name: _____

Write the final part of each math analogy.

eight dimes and eight pennies : \$0.88 :: three dimes and five pennies :

Explain why you think your answer is correct.

11, 13, 15, 17 : 19, 21, 23, 25 :: 27, 29, 31, 33 :

Explain why you think your answer is correct.

12 groups of 7 : 6 groups of 14 :: 9 groups of 10 :

Explain why you think your answer is correct.

$3 + 3 + 3 + 3 + 3$: 3×5 :: $4 + 4 + 4 + 4 + 4 + 4$:

Explain why you think your answer is correct.

greater than : $>$:: less than :

Explain why you think your answer is correct.

one third of six : 2 :: one half of six :

Explain why you think your answer is correct.

Name: _____

Eric, Alyssa, Jose, and Mackenzie each went to the grocery store and bought a number (8, 3, 2, and 4) of some type of plant (asparagus, tomatoes, peanuts, and cabbages). They each only bought one type of plant, however they differed in how much they bought.

They carried the items that they bought to class.

What did each person bring to class?

1. Jose's items are not fruit.
2. Mackenzie brought in the most number of items.
3. Jose brought in less than eight items.
4. Eric brought in less than six items.
5. Someone brought in four cabbages.
6. Eric said that his items come from the stem of a plant.
7. Someone brought in three asparagus.
8. Mackenzie said that the edible part of her items are the seeds.
9. Alyssa said that her items come from the leaf of a plant.

Eric brought in _____ (how many) _____ (type of plant).

Alyssa brought in _____ (how many) _____ (type of plant).

Jose brought in _____ (how many) _____ (type of plant).

Mackenzie brought in _____ (how many) _____ (type of plant).

Write as a decimal.
Six and forty-six hundredths

Write as a decimal.
Nineteen hundredths

Write as a decimal.

$$16 \frac{12}{1000}$$

Name: _____

Cross off the number that does NOT belong.

5.35, 25.62, 30.97, 56.59, 87.56, 144.15, 231.71, 359.71,
375.86, 607.57, 983.43, 1591, 2574.43, 4165.43, 6739.86

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

3, 3, 9, 14, 13, 15, 23, 21, 33, 27, 43, 33, 53

Why does _____ not belong in the pattern?

Name: _____

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

(6,131,066,257,801) , (322,687,697,779) , (16,983,563,041) ,
(893,871,739) , (47,045,881) , (2,476,099) ,
(130,321) , (6,859) , _____ , _____

(153,773,437,500) , (10,251,562,500) , (683,437,500) ,
(45,562,500) , (3,037,500) , (202,500) ,
(13,500) , _____ , _____

Complete each pattern. Write what the rule is.

9	27	81	243	729
5	25	125		3,125
3	24		1,536	12,288
8	72	648		

Name: _____

Each row, column, and box must have the numbers 1 through 9.

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

40, 50, 60, 70, 80,
_____, 100, 110, 120,
130

What is the area of a
rectangle with sides 2 cm
and 7 cm?

Round the decimal 0.655 to
the nearest hundredth.

Circle the digit in the hundredths place.
53.4484

Circle the word that is a synonym for the
word queasy.
sickly, comfortable, content, happy

Name: _____

Steven, Devin, Cameron, and Connor each own a car. One has a violet car, one has a blue car, one has a green car, and one has a red car.

Figure out the color of each person's car.

1. Steven borrowed the red car, because Cameron was using his car.
2. Steven doesn't like blue cars.
3. Cameron doesn't like red cars.
4. Steven's favorite colors are red and green. His car is one of his favorite colors.
5. Connor doesn't like violet cars.
6. Steven borrowed the violet car, because Devin was using his car.
7. Cameron doesn't like violet cars.
8. Cameron borrowed the violet car, because Steven was using his car.
9. Devin's favorite colors are blue and violet. His car is one of his favorite colors.

Steven has a(n) _____ car.

Devin has a(n) _____ car.

Cameron has a(n) _____ car.

Connor has a(n) _____ car.

$$8 - 10 =$$

Rewrite $15 + -2$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$10 - 2 = \underline{\quad}$$

$$10 + -2 = \underline{\quad}$$

How many meters are there in 183 kilometers?

A rectangle is 46 cm on one side and 6 cm on another side. What is the perimeter?

How many centimeters in 5.3 meters?

Name: _____

Cross off the number that does NOT belong.

173, 157, 142, 128, 115, 103, 92, 82, 73, 65, 58, 52, 47, 46, 43, 40

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

5, 55, 58, 638, 640, 641, 7051, 7054, 77594, 77597, 853567

Why does _____ not belong in the pattern?

Name: _____

Find the missing numbers.

If

$$1, 1 = 1$$

$$2, 2 = 4$$

$$3, 3 = 9$$

$$4, 4 = 16$$

Then

$$7, 7 = ?$$

Hint: The answer is NOT 25.

If

$$3, 3 = 6$$

$$4, 4 = 8$$

$$5, 5 = 10$$

$$6, 6 = 12$$

Then

$$10, 10 = ?$$

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

(6,442,450,944) , (805,306,368) , (100,663,296) ,

(12,582,912) , (1,572,864) , (196,608) ,

(24,576) , (3,072) , _____ , _____

(20,155,392) , (3,359,232) , (559,872) ,

(93,312) , (15,552) , (2,592) ,

(432) , _____ , _____

Name: _____

Alexander, Benjamin, Zachary, and Nathan each have one brother (Matthew, Michael, Steven, and Jacob) and one sister (Sierra, Amanda, Alyssa, and Emily).

Who is each person's brother and sister?

1. Alexander invited Sierra and Amanda over to his family's house for dinner.
2. Benjamin is older than his sister Emily.
3. Nathan's sister and Sierra were talking on the phone. They are not in the same family.
4. Nathan went to the mall with his sister, but not with his brother. Steven and Matthew went with Nathan as well.
5. Michael helped his sister Amanda with her homework.
6. Zachary is older than his sister Sierra.
7. Benjamin went to the mall with his sister, but not with his brother. Michael and Matthew went with Benjamin as well.
8. Zachary played with his brother Jacob outside.

Alexander's brother is _____ and Alexander's sister is _____.

Benjamin's brother is _____ and Benjamin's sister is _____.

Zachary's brother is _____ and Zachary's sister is _____.

Nathan's brother is _____ and Nathan's sister is _____.

It was 7 degrees below zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?

Write $\frac{4}{8}$ in lowest terms.

How many centimeters in 620.5 meters?

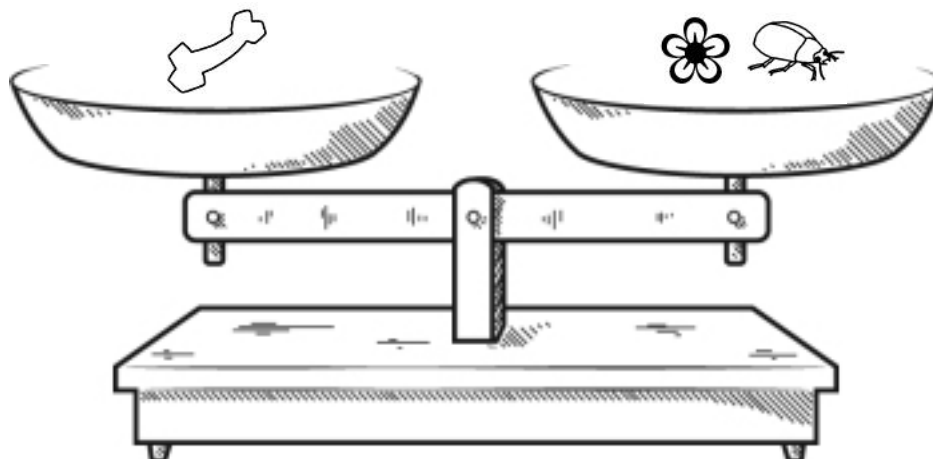
Add the correct end punctuation for this sentence.

I love riding roller coasters

Choose the word that best completes the sentence.

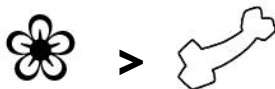
It's (they're/their) turn to go first.

Name: _____



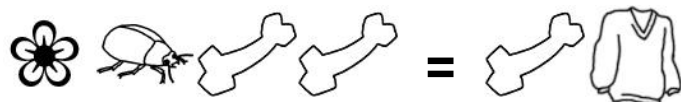
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

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

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

$$6 \overline{) 22.2}$$

Change $\frac{3}{4}$ to a decimal.

Change $\frac{1}{10}$ to a decimal.

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.

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

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 2 1 4

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

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 3 4 2

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

Hint - These numbers are missing:

3 4 4 1 1 4 3 1

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

Hint - These numbers are missing:

1 3 1 4 1 1

Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?

110 divided by 11 equals

Estimate quickly the difference.
6,030 - 1,900

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

4 1 3 1
3 3 2 1

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

Hint - These numbers are missing:

4 3 1 4 2
3 2 3 1 2

1	3	1	3	
2		2		
				2
2	4	2		1

Hint - These numbers are missing:

4 1 4 1 2
3 1 4 3

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

Hint - These numbers are missing:

2 4 2 1
4 3 3 1

Insert punctuation marks into this sentence.

My best friend asked me, Have you ever seen the Rocky Mountains?

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

11+	2		3	4+
8+		7+		2
6+			13+	
	3	9+	10+	5
1		3		

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} + 2 + \underline{\quad} = 11$$

$$4 + \underline{\quad} = 6$$

$$\underline{\quad} + 2 + \underline{\quad} = 10$$

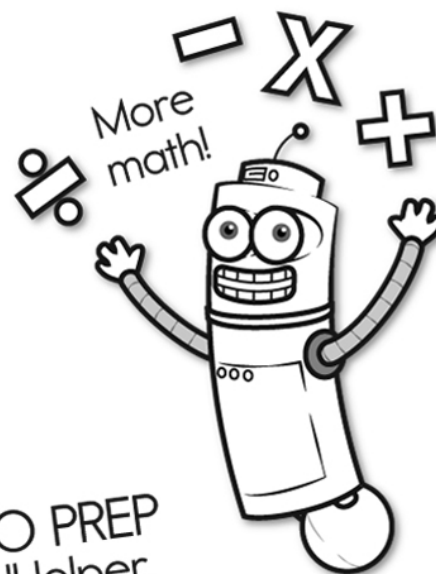
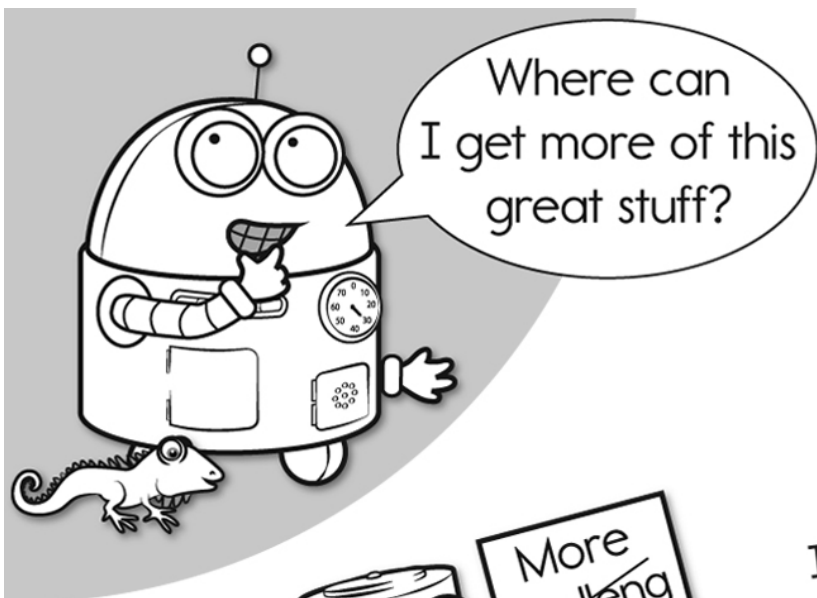
$$\underline{\quad} + 5 + \underline{\quad} = 13$$

$$\underline{\quad} + 2 + \underline{\quad} = 4$$

$$3 + \underline{\quad} + \underline{\quad} = 8$$

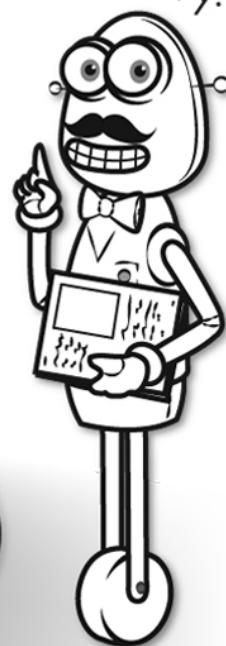
$$\underline{\quad} + \underline{\quad} + 3 = 9$$

$$5 + \underline{\quad} = 7$$



It's NO PREP at edHelper.

More history!

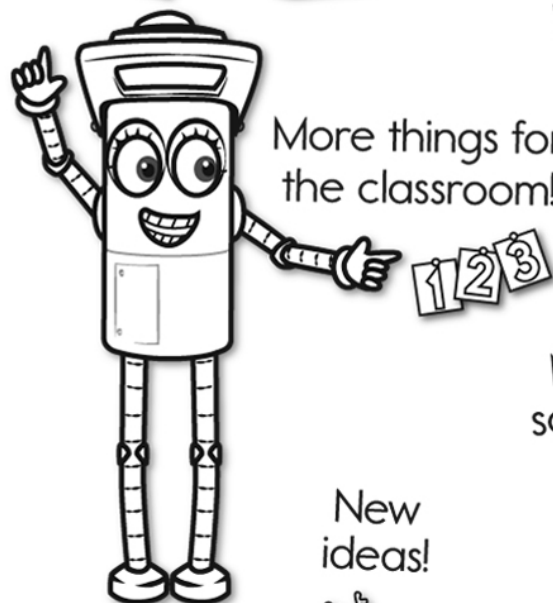


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