

Name: _____

Draw a line from START to END.

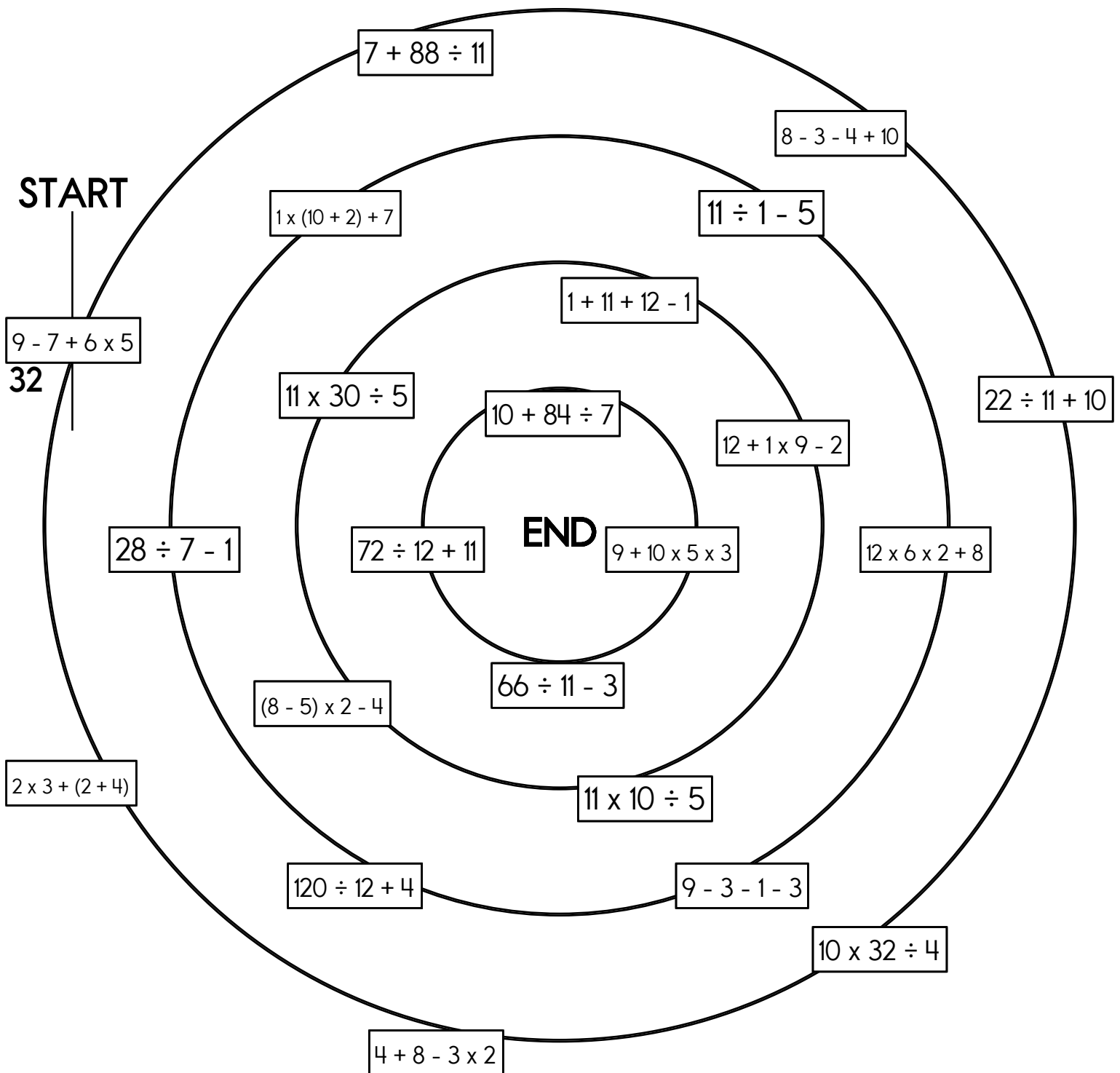
17

19

66

~~32~~

Cross out the number you use above and then write it below.



Name: _____

$9 \times 6,029 =$

- A) 54,561
- B) 54,261
- C) 51,261
- D) 488,367

How would you estimate $1,547 \div 2,243$ to the nearest hundred?

- A) $2,500 \div 2,200$
- B) $2,500 \div 3,200$
- C) $1,550 \div 2,240$
- D) $1,500 \div 2,200$

What does the _____ stand for in the following equation?

$_____ \times 11 = 55$

- A) 5
- B) 10
- C) 44
- D) 15

It is now 8:39. What time will it be in 42 minutes?

- A) 9:20
- B) 9:26
- C) 9:21
- D) 9:18

$9 \times 48 =$

- A) 4,565
- B) 432
- C) 439
- D) 421

$5 \times 9 =$

- A) 12
- B) 44
- C) 45
- D) 305

Name: _____

Which digit is in the ten thousands place in the number 134,865,972?

Write the number that this digit represents.

$$72 \overline{) 4471}$$

Divide and write remainder.

$$8 \overline{) 2378}$$

Divide and write remainder.

$$9 \overline{) 540}$$

$$(36), (6), (1),$$

$$\frac{1}{36}, \frac{1}{216}, \frac{1}{1296},$$

$$\frac{1}{7776}$$

This number is one hundred less than 7,371.

At 1 p.m. today, April will not be able to use her electronics for 3 hours. At what time will she be able to resume using her phone?

Name: _____

"I can quickly divide a three-digit number by a two-digit number," Sarah tells Nathan.

"Yeah, sure," replies Nathan. "Then what is 506 divided by 23?"

Sarah has a trick. She will distract Nathan while you figure it out. Show your work!

How many total legs are on
8 owls?

64, 68, 72, _____, 80,
84

$11 + 11 + 11$

Is 19 a composite or a
prime number?

Which of the following is
the greatest possible 2-digit
number with all different
digits?

Write the greatest possible
3-digit number using only 2
different numbers.

24 lb = _____ oz

Insert punctuation marks into this
sentence.

Jack called, Are you coming to
the ball game tonight?

Name: _____

Anne needs at least 41 minutes to get to school. School starts at 8:15 a.m. What is the latest she can leave?

$$\begin{array}{r} 70 \\ - 60 \\ \hline \end{array}$$

Can 434 be evenly divided by 7? Circle:
434 is evenly divisible by 7
434 is NOT evenly divisible by 7

$$99 \div 11 =$$

$$\begin{array}{r} 24 \\ + 47 \\ \hline \end{array}$$

$$\begin{array}{r} 433 \\ + 354 \\ \hline \end{array}$$

Sarah wants to call Emma. Emma is on vacation in Asia. It is a time difference of fourteen hours. Emma's time is always later than Sarah's time. If it is 1:27 P.M. where Sarah lives, then what time is it where Emma is?

$$\begin{array}{r} 778 \\ - 367 \\ \hline \end{array}$$

Name: _____

<p>How many kilograms are in 2,000 grams?</p> <p>_____ kilograms</p>	<p>Can 982 be evenly divided by 8? Circle:</p> <p>982 is evenly divisible by 8</p> <p>982 is NOT evenly divisible by 8</p>
<p>For 9,965,859,160, write the digit that is in the ten thousands place.</p> <p>_____</p>	

<p>1 km = 1,000 m</p> <p>16 km = _____ m</p>	<p>Can 738 be evenly divided by 6? Circle:</p> <p>738 is NOT evenly divisible by 6</p> <p>738 is evenly divisible by 6</p>
--	--

<p>Write 966,058 in words.</p> <p>_____</p>

<p>Which is the smallest?</p> <p>54.3 ÷ 7.2 54.3 ÷ 7.3 54.3 ÷ 7.4</p>	<p>30 ÷ 3 =</p>
	<p>5 x 6 =</p>
	<p> </p>

<p>Circle the greatest number:</p> <p>1,795,401,263 634,121</p> <p>6,382 74,908,590,857</p>	<p>How many digits are in the current year?</p> <p>_____</p>
---	--

Name: _____

<p>In the number 976,213, the digit 1 is in what place?</p> <p>_____</p>	<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>
--	--

<p>$8 \times 5 =$</p>	<p>Erin will win if a random number pulled out of a box is an odd number. 33 pieces of paper, numbered 1 to 33, are put inside a box. What is the chance that Erin will win?</p>	<p>Justin is making Bloodshot Eyes Punch for his party. He will use 8 cups of pineapple juice, 3 cups of cranberry juice, and 6 cups of ginger ale to make the punch. How many quarts of punch will he make?</p>
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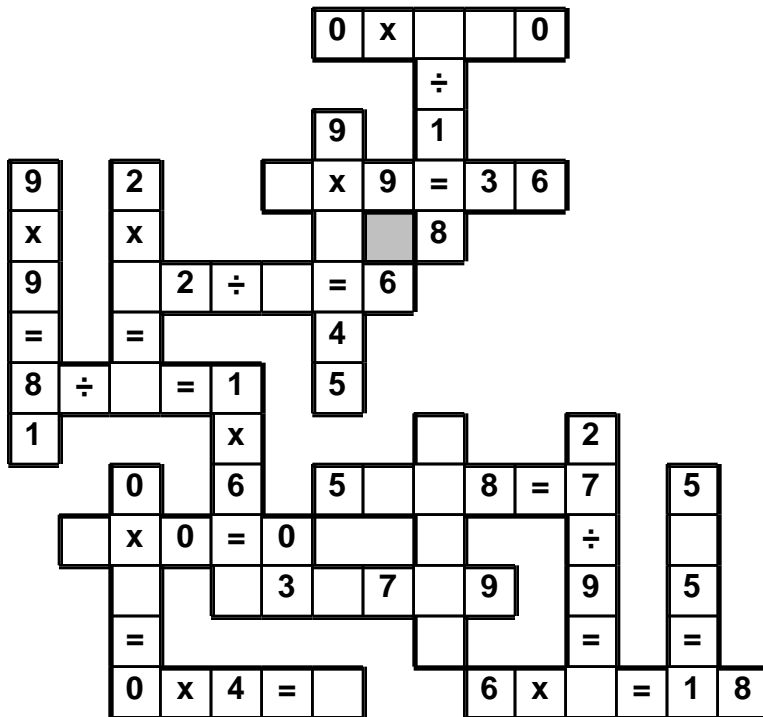
<p>$66 \div 6 =$</p>	<p>How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.</p>	<p>Circle the addition property for $68 + 77 = 77 + 68$.</p> <p style="padding-left: 40px;">associative property commutative property</p>
---------------------------------	---	--

<p>Circle the smallest number:</p> <p style="padding-left: 40px;">96,521 56,070,483 8,271,349 5,043</p>	<p>Write this as a number in standard form. Use a comma in your number.</p> <p style="padding-left: 40px;">four hundred twelve thousand, five hundred six</p> <p>_____</p>
---	--

Name: _____

8 • = • 4 • 5 • 4 • 7 • 8 • 6 • 6 • ÷ • 9 • 6 • ÷ • 2 • 6 • ÷
= • 1 • 0 • 3

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



Jessica is making up her own calendar. The first month of her weird calendar is called Haffy. To make matters worse, she is giving Haffy a total of twenty-five days. What is the greatest number of Mondays that can occur during Haffy? Show the month of Haffy.

Name: _____

Nicholas, Kaylee, Ashley, and Grace want to make ice cream. They each have a different amount of milk (three, seven, five, and two quarts) and a different amount of sugar (ten, eight, three, and six cups). One batch of ice cream requires 4 cups of milk and 2 cups of sugar.

Figure out how much milk and sugar each person has.

1. If Grace had eight more cups of sugar than she did, Grace would have a total of 7 pints of sugar.
2. If Kaylee had six times as much milk than she did, Kaylee would have a total of three gallons of milk.
3. If Nicholas had ten more cups of sugar than he did, Nicholas would have a total of 9 pints of sugar.
4. Nicholas can make at least four batches of ice cream.
5. Ashley can make at least three batches of ice cream.
6. Grace can make at least two batches of ice cream.
7. If Nicholas had five times as much milk than he did, Nicholas would have a total of six gallons and one quart of milk.
8. The person, who has ten cups of sugar, has two fewer cups of sugar than cups of milk.

Nicholas has _____ quarts of milk and _____ cups of sugar.

Kaylee has _____ quarts of milk and _____ cups of sugar.

Ashley has _____ quarts of milk and _____ cups of sugar.

Grace has _____ quarts of milk and _____ cups of sugar.

Insert a comma in the appropriate place in this sentence.

Jeremy loves to come play at my house for he thinks it is more fun than his.

Name: _____

Robot wrote this program to solve a math problem.

```
# defining variables
```

```
people_count = 40
```

```
hours_worked = 6
```

```
bags_per_person = 12
```

```
# calculating total bags of litter picked up
```

```
total_bags = people_count * bags_per_person
```

```
# printing the result
```

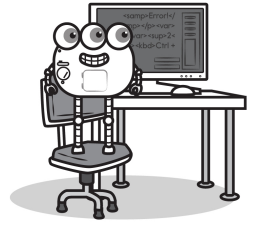
```
print(f'The total number of bags of litter picked up is {total_bags}.')
```

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

The total number of bags of litter picked up is _____.

Wait! Robot forgot to write down the math problem.

Can you write your own word problem to explain Robot's computer code?



Name: _____

		+		+		+		=	
	C	A	B	A					74
+	C	A	A	C					64
=									
	20	44	42	?					

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + A + A + C = 64 \quad A + \underline{\quad} = 44 \quad \underline{\quad} + \underline{\quad} = 20$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 74 \quad \underline{\quad} + \underline{\quad} = 42$$

Additional hints:

$$A = C + 12 \quad A < 25$$

Show Work:

Solve:

$$? = \underline{\quad}$$

5	7	0	0	0
---	---	---	---	---

Name: _____

Simplify each fraction. Draw lines between equal fractions.

$$\frac{18}{33}$$

•

•

$$\frac{12}{22}$$

$$\frac{35}{40}$$

•

•

$$\frac{18}{21}$$

$$\frac{3}{4}$$

•

•

$$\frac{28}{32}$$

$$\frac{24}{28}$$

•

•

$$\frac{24}{32}$$

$$\begin{array}{r} 9 \\ 255 \\ 9 \\ + 663 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7,072 \\ - 76 \\ \hline \end{array}$$

It was 6 degrees below zero in the morning. By afternoon the temperature rose 27 degrees. How warm was it?

What is 50% of 814?

The radius of a circle is 429 cm. What is the diameter of this circle?

It was 87 degrees outside. What would the temperature be if it got 24 degrees colder?

$$2 \times 12 \div 3$$

What 4 coins add up to 41 cents?



Name: _____

Can you guess the word?

No duplicate letters can be used.

S P O K E

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

F **A** N C Y

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.

B E G A N

R O U T E

D R O V E

C F H I J K L M P Q S W X Y Z

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

E K O R B O D A S Z F E M T P R P O R
E O E A V E E E E E R R G O S O G P R
B P K N R B O P R O S E S B E U P R O
S D O R N O S O G I A E B R U T R O R
S B E G A N N O B N P R Z T R E O S B
C I B W Y P R N T N R S R E S Z E R O

Hint: There are no duplicate letters in the answer.

L A R G E

G R A P E

B C D F H I J K M N O Q S T U V
W X Y Z

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

B W E G R U A B A G G E R G D
V P D E R E A E G E G E K R E
Y U A A R R G U L R L R A E Y
G J V F R A G G E G E A A M U
E P U U L G R U R Y W A R P E
E L J I G G G G E E P A R G E
A P E E L R U U U P G G R A E
A E I A E L E K E E U U R E A

Hint: There are no duplicate letters in the answer.

A G O N Y

B E G I N

C D F H J K L M P Q R S T U V W
X Z

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

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

Name: _____

$$99 - \frac{1}{5} =$$

$$\begin{array}{r} \frac{5}{7} \\ - \frac{4}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{5}{9} \\ - 2\frac{7}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{1}{9} \\ - 2\frac{1}{7} \\ \hline \end{array}$$

Change $\frac{288}{54}$ to a mixed number.

$$\begin{array}{r} 21\frac{1}{5} \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7\frac{3}{11} \\ - 2\frac{2}{9} \\ \hline \end{array}$$

Reduce each fraction to its lowest terms.

$$\frac{40}{48} =$$

$$\frac{25}{35} =$$

$$\frac{45}{81} =$$

$$\frac{45}{63} =$$

$$\frac{40}{56} =$$

$$\frac{16}{32} =$$

$$\begin{array}{r} 7\frac{3}{10} \\ - \frac{1}{2} \\ \hline \end{array}$$

Name: _____

Put these numbers in order from smallest to largest.

6.10

6.085

6.088

6.07

Mr. Brown has ants and giraffes on his farm. He has 5 giraffes. One day he was bored and counted all the legs. Between his insects and giraffes he had a total of 32 legs. That's a lot of legs! How many ants does he have?

This number is so cool. The tens place is twice its hundredths. The ones place is 2 less than its tenths. The sum of its digits is 13. What's the cool number?

____ . ____

Name: _____

Reduce $\frac{14}{36}$ to its lowest terms.

Reduce each fraction to its lowest terms.

$$\frac{16}{64} =$$

$$\frac{16}{24} =$$

$$\frac{9}{18} =$$

$$\frac{15}{30} =$$

$$\frac{28}{32} =$$

$$\frac{44}{76} =$$

Reduce $\frac{15}{33}$ to its lowest terms.

Change $\frac{132}{36}$ to a mixed number.

Reduce each fraction to a mixed numeral in its lowest terms.

$$\frac{305}{45} =$$

$$\frac{2}{4} =$$

$$\frac{112}{56} =$$

$$\frac{200}{48} =$$

$$\frac{7}{14} =$$

$$\frac{12}{12} =$$

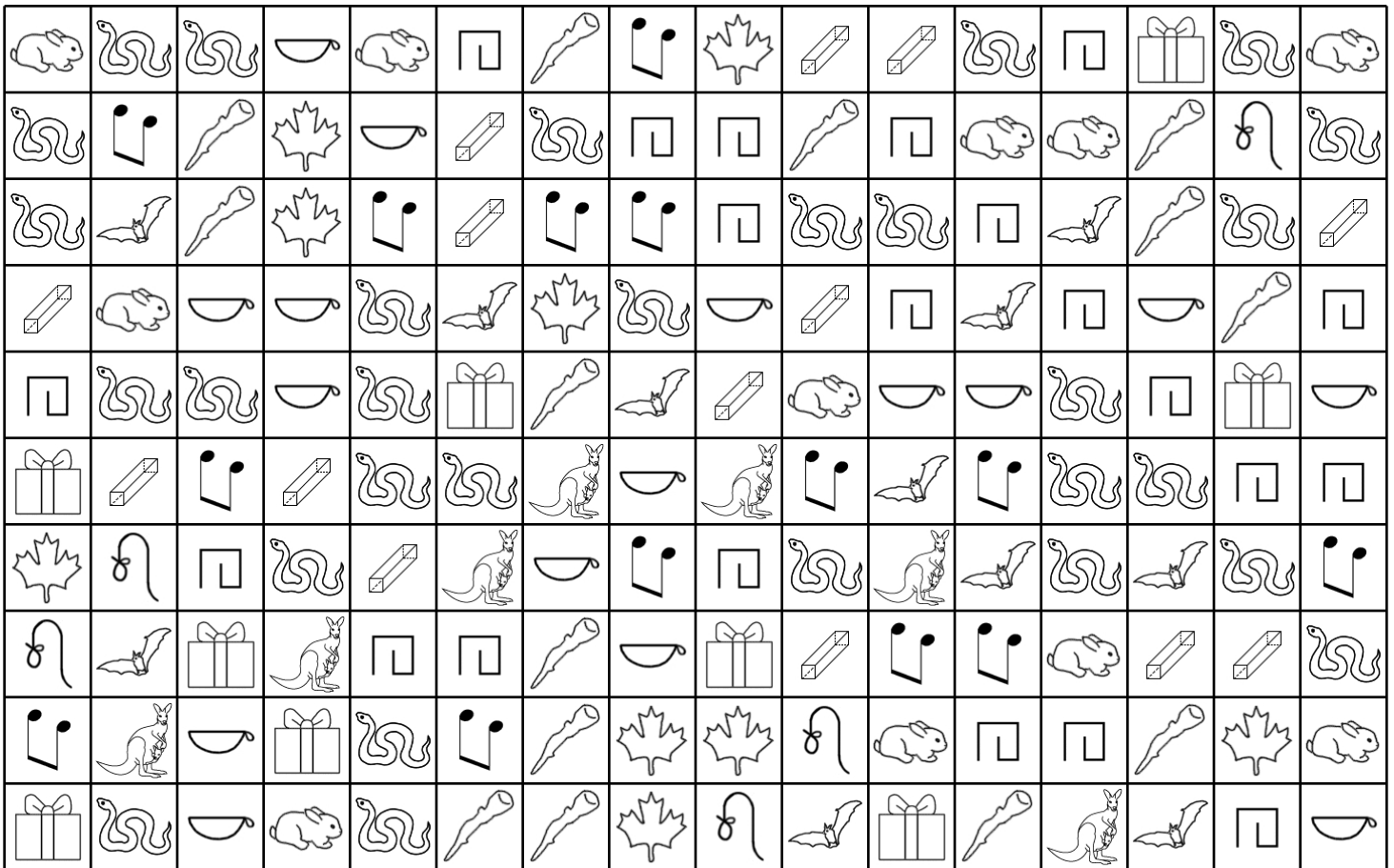
Change $\frac{284}{36}$ to a mixed number.

Reduce $\frac{2}{28}$ to its lowest terms.

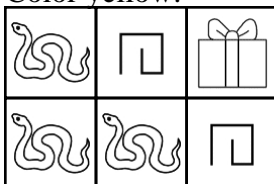
Change $\frac{154}{91}$ to a mixed number.

Change $\frac{520}{80}$ to a mixed number.

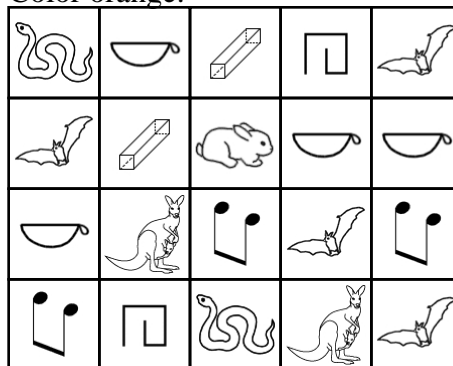
Name: _____



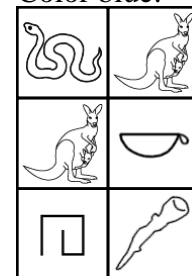
Color yellow:



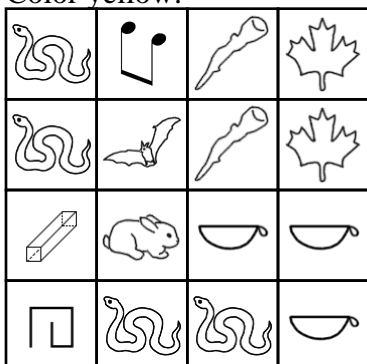
Color orange:



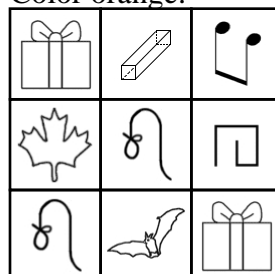
Color blue:



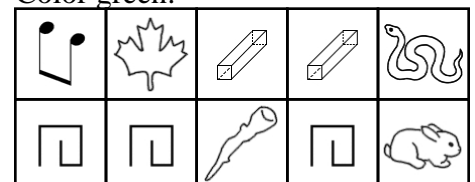
Color yellow:



Color orange:



Color green:



Name: _____

Write the final part of each math analogy.

66 : sixty-six :: 23 :

Explain why you think your answer is correct.

75, 78, 81, 84, ____ : 87 :: 60, 63, 66, 69, ____ :

Explain why you think your answer is correct.

two dimes and eight pennies : \$0.28 :: seven dimes and seven pennies :

Explain why you think your answer is correct.

FFGFFGFFGF____ : F :: PCCPCCPCCP____ :

Explain why you think your answer is correct.

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.

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

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

2 3 4 1

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

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

2 3 4 1

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

Hint - These numbers are missing:

1 2 3 1 4 4 4 4 2

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

Hint - These numbers are missing:

2 2 2 3 4 3 4 4 4 2

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

4 3 3 1
1 4 3

2		2	
		4	
1	2		2
	4	3	4
2	1		

Hint - These numbers are missing:

3 4 1 1 3
1 2 1 3

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

Hint - These numbers are missing:

2 3 3 1
4 3 3 4

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

Hint - These numbers are missing:

4 3 4 2
3 2 3 4

Cross out all of the prepositional
phrases in the sentence.
Teresa danced all night.

Name _____



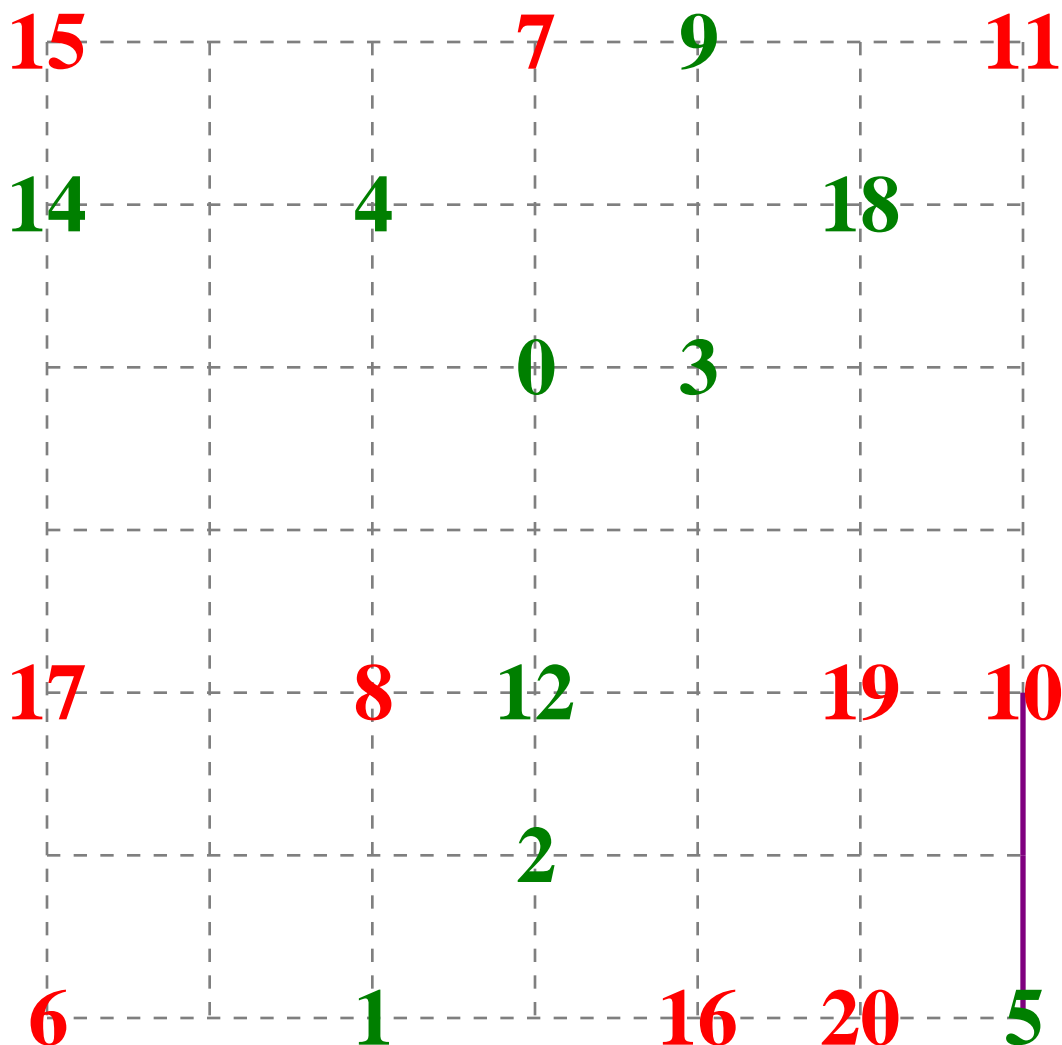
Date _____

Greater and Less Than Number Kissing

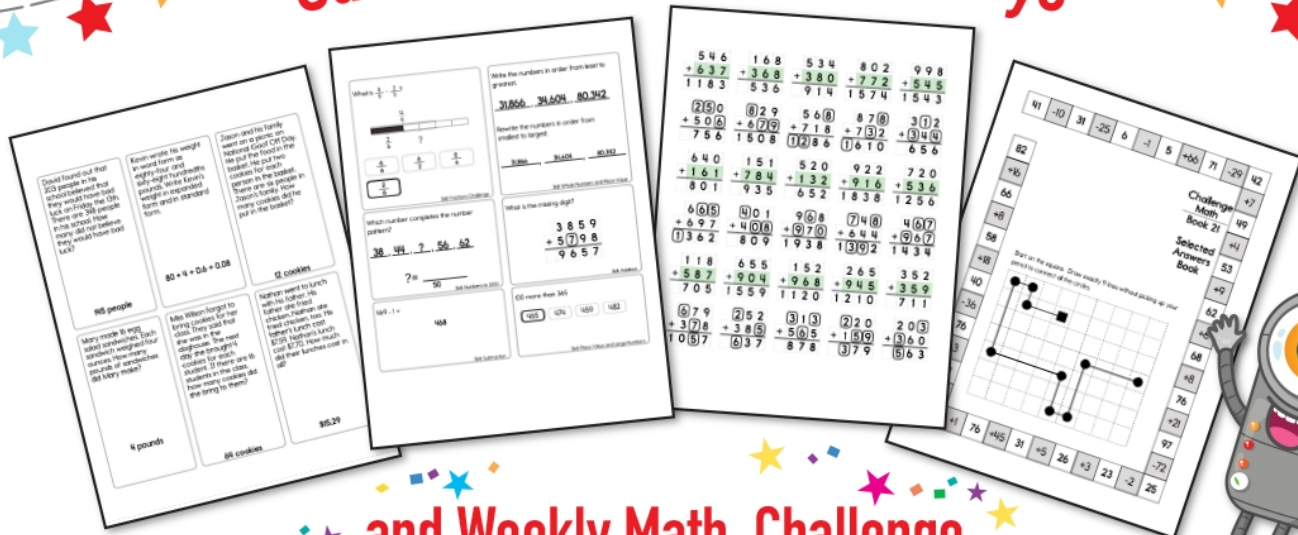
Start at a green number and draw a line to any red number that is greater than the green number.

Draw a line that connects one number to one other number to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a number, that number cannot be used again.

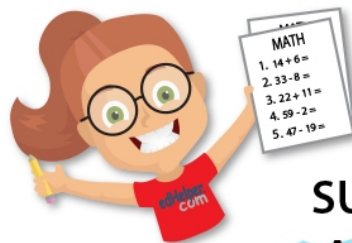
One complete line has already been drawn for you.



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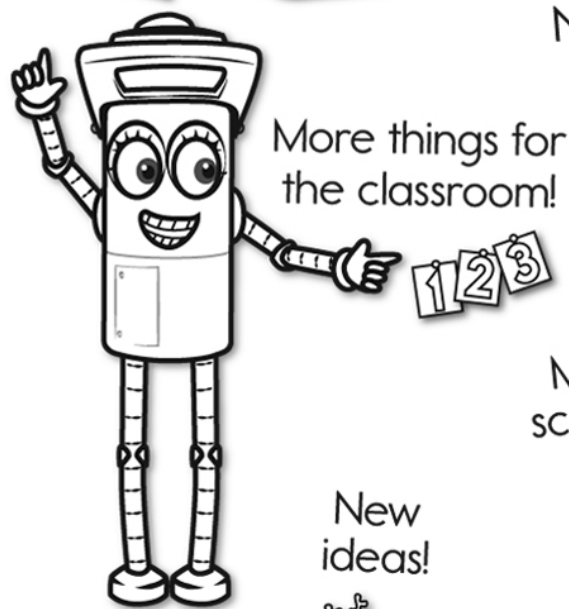
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history!



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games!



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ideas!



x
+ =
- ÷
< >

More
puzzles!

