Name: _____

How many purrs are equal to 3 meows?

3 meows = 15 coos
5 coos = 6 hisses
2 hisses = 1 purr

Change $\frac{5}{10}$ to a decimal.

$$\begin{array}{r} 0.42 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9.9 \\ \times 7 \\ \hline \end{array}$$

Jenna has 36 books. She organized them equally into 4 boxes. How many books in each box?

(15,625) ,   (3,125) ,

(625) ,   (125) ,   (25) ,

(5) , _____, $\frac{1}{5}$

Maria bought a pack of six waters. It cost $3.72. How much did each water cost?

Circle the digit in the hundredths place.

89.3228

Circle the correctly spelled words.
ambulence, ambulance
balcony, balcany
frolic, frolick

Name: _____

Emily and Pam are at the paint store. They want to paint 2 rooms in their house. Each

room has 320 square feet of wall to be painted. "How much paint do you think we should

get?" Emily asks Pam.

 "This 1 gallon of paint says it should be enough to cover 190 square feet," replies Pam.

How many gallons should they get? The store only sells whole gallons.

---

28 + ___ + 25 = 67

___ ÷ 12 = 6

---

7 + 12 x 3 + 3

Is 47 a composite or a
prime number?

---

5 + 8 x 7

Find the product of 7 and 2.

How many kilograms are in 2,000 grams?

_____ kilograms

27 cm = _____ mm

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.
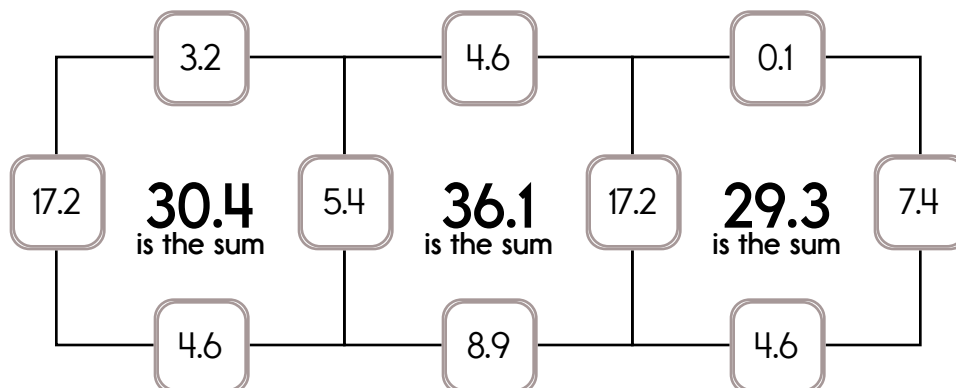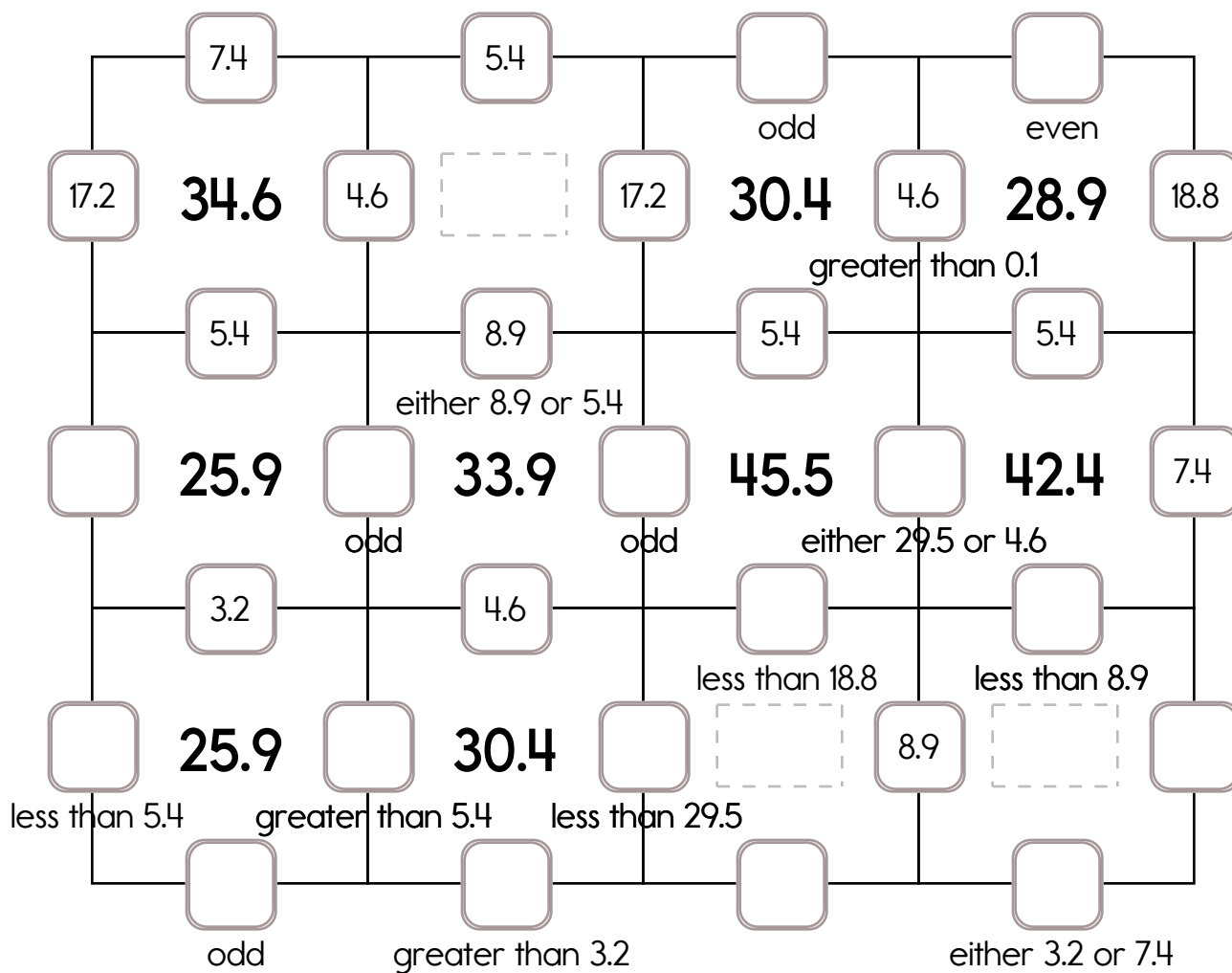
Example:
17.2 + 5.4 + 3.2 + 4.6 = 30.4

Example:
17.2 + 7.4 + 0.1 + 4.6 = 29.3

Sample:

	3.2		4.6		0.1	
17.2	**30.4** is the sum	5.4	**36.1** is the sum	17.2	**29.3** is the sum	7.4
	4.6		8.9		4.6	

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
Exactly one of the four numbers has to be one of these numbers: 29.5, 18.8, or 17.2. The other three numbers have to all be DIFFERENT and must be from these: 5.4, 8.9, 0.1, 7.4, 4.6, or 3.2.

	7.4		5.4		☐ odd		☐ even	
17.2	**34.6**	4.6	☐	17.2	**30.4**	4.6	**28.9** greater than 0.1	18.8
	5.4		8.9 either 8.9 or 5.4		5.4		5.4	
☐	**25.9**	☐ odd	**33.9**	☐ odd	**45.5**	☐	**42.4** either 29.5 or 4.6	7.4
	3.2		4.6		☐ less than 18.8		8.9 less than 8.9	
☐ less than 5.4	**25.9**	☐ greater than 5.4	**30.4** less than 29.5	☐		☐		☐
	☐ odd		☐ greater than 3.2		☐		☐ either 3.2 or 7.4	

Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
Exactly one of the four numbers has to be one of these numbers: 23.5, 26.6, or 11.6. The other three numbers have to all be DIFFERENT and must be from these: 4.6, 8.3, 5.5, 9.4, 2.4, or 1.7.

	4.6		5.5		☐ either 11.6 or 9.4		8.3	
2.4	**39.9**	23.5	**35.3**	4.6	**27.3** greater than 2.4	☐	**34.8**	11.6
	9.4		☐ odd		☐ odd		☐ less than 9.4	
5.5	**49.8**	☐	**27.1** greater than 4.6	5.5	**43.2**	☐ odd	☐ (dashed)	☐
	☐ even		☐ greater than 9.4		☐		☐ less than 26.6	
4.6	**35.3**	☐	**27.8** less than 9.4	☐	**49.8** greater than 2.4	☐	**40.8** either 5.5 or 8.3	☐
	☐ either 1.7 or 8.3		☐ even		☐ even		☐ less than 11.6	
☐	**23.4** less than 23.5	☐	**34.8** either 4.6 or 5.5	☐	**49.8** odd	☐	**40.1** odd	☐
	☐ odd		☐ greater than 4.6		☐ either 1.7 or 26.6		☐ even	
☐	**39** greater than 9.4	☐	**42.9** less than 5.5	☐	☐ (dashed)	☐	☐ (dashed)	☐ odd
	☐ even		☐		☐ greater than 1.7		☐ odd	

Name: _____

How much greater is 190 than 48?

In the parking lot there are 13 vehicles. There are 2 SUVs. What fraction of the vehicles are not SUVs?

How many total legs are on 3 tigers and 2 owls?

Circle the three numbers whose sum equals 39.

11   13   17   13

10   6   12   11

Circle the four numbers whose sum equals 44.

20   15   7   6

13   18   13   20

11   4   16   3

Erin has 22 nickels. How much money is that?

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

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

70 divided by 10 equals

It was 4 degrees above zero in the morning. By afternoon the temperature rose 19 degrees. How warm was it?

How many centimeters in 6.3 meters?

How much money is 1 quarter, 1 dime, 1 nickel, and 9 pennies?

It was 92 degrees outside. What would the temperature be if it got 13 degrees colder?

Round 10,306 to the nearest thousand.

Write the missing family fact.

4 x 17 = 68

68 ÷ 4 = 17

17 x 4 = 68

Name: _____

Mary made cards for National Compliment Day. The cards were pink, yellow, white, or green. She drew a flower, a butterfly, or a bee on each card. She made one of each possible combination. The materials cost $0.53 per card. How much did the cards cost Mary?

Adam earns $5.25 per hour for babysitting and $4 per hour for yard work. He worked 8 hours last week -- 5 hours of babysitting and 3 of yard work. He saved all his money to take his parents to a movie. How much money did he save?

It was a beautiful spring day. Sarah was amazed at all the butterflies. As a matter of fact, she had already counted 100! Of those, 20 were Monarch butterflies. What is the probability that the next butterfly she sees will be a Monarch? Write as a fraction in lowest terms.

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

Circle the greatest number:

9,432

756,180

54,121,047,569

9,082,673

$$\begin{array}{r} 2\ 0 \\ +\ 4\ 4 \\ \hline \end{array}$$

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

$44 \div 4 =$

$$\begin{array}{r} 4\ 8\ 8 \\ +\ 4\ 5\ 1 \\ \hline \end{array}$$

1 km = 1,000 m

11 km = _____ m

$30 \div 5 =$

Write a letter that has a line of symmetry.

_____

word root **equi** can mean **equal or same**   equation, equilateral

Name: _____

```
  3 4 1
- 2 5 5
```

Write this as a number in standard form. Use a comma in your number.

two hundred twenty-eight thousand, six hundred twenty-two

_____

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

In the number 5,586,160,530, the digit 1 is in what place?

_____

Choose the correct form of the pronoun and write it on the line.

With (who/whom) did you study for the test?

_____

Amanda will win if a random number pulled out of a box is a number divisible by 4. 28 pieces of paper, numbered 36 to 63, are put inside a box. What is the chance that Amanda will win?

The principal of your school wants to buy fifty-two books. Each book costs $5.97. She wants to estimate how much it will cost. Show her how you would estimate the cost:

Which reference material would you consult to find the answer to this question?

What is the pronunciation of the word admirable?

_____

4 x 12 =

Name: _____

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 $80. How much is one kids ticket? How much is one adult ticket?

Write down the two synonyms in this sentence.

In math it is very important that your answer is accurate, because numbers are, by their nature, precise.

_____

_____

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

_____

Which is the smallest?

$67.5 \div 4.4$ $67.5 \div 4.2$ $67.5 \div 4.3$

Can 270 be evenly divided by 6? Circle:

270 is NOT evenly divisible by 6

270 is evenly divisible by 6

Circle the smallest number:

80,526,143,790   3,917
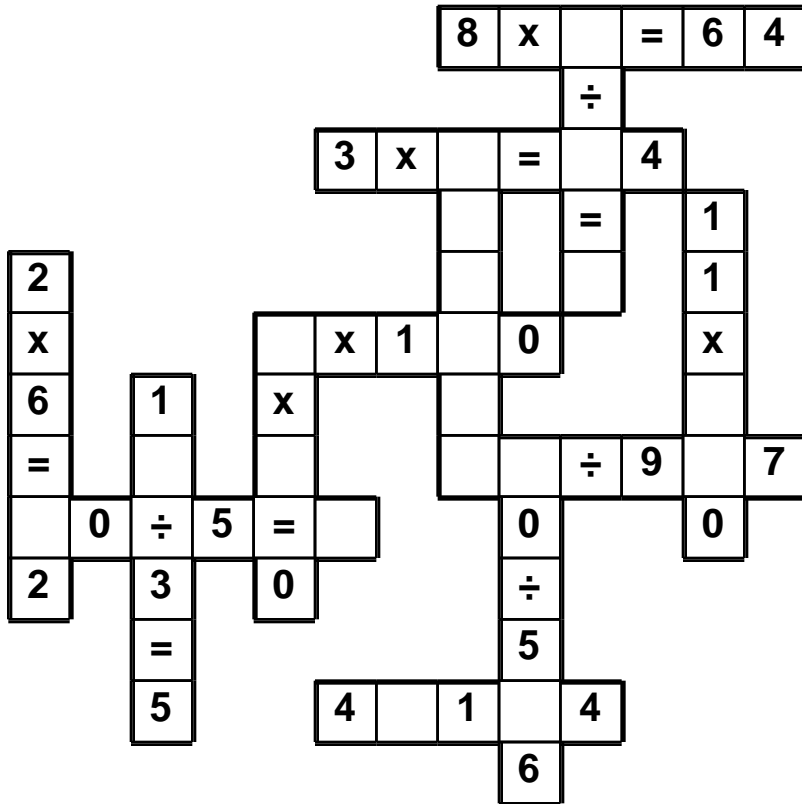
9,304,271,865   45,628

Which reference material would you consult to find the answer to this question?

How do you pronounce the word reprobate?

_____

Rosa wants Ava to guess a two digit number. She tells Ava that her number has two different digits. The digits are 4 and 9. Ava thinks. She then guesses the number 94. What are the chances that Ava has guessed correctly?

Can 722 be evenly divided by 8? Circle:

722 is evenly divisible by 8

722 is NOT evenly divisible by 8

word root **ation** can mean **an action or process**   equation, fragmentation, renovation

Name: _____

8 • 8 • 2 • x • 2 • 4 • 0 • = • 1 • 0 • 5 • 6 • 6 • 3 • = • 1
2 • x • =

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

| 8 | x | | = | 6 | 4 |

(runaway math crossword puzzle grid)

Write 79,638 in words.

_____

How many digits are in the number of days in the current month?

_____

Write the missing family fact.

94 + 44 = 138
44 + 94 = 138
138 - 94 = 44

_____

Circle the addition property for 32 + 31 = 31 + 32.

associative property

commutative property

9 x 10 =

7 x 5 =

Name: _____

( ) x 10 27	450 x ( ) 18	442 x 13 ( )	( ) x 11 22	( ) x 15 19
( ) x 26 15	494 x 13 ( )	476 x 34 ( )	460 x ( ) 46	320 x 10 ( )
444 x 12 ( )	372 x ( ) 31	( ) x 11 15	( ) x 18 11	500 x ( ) 50

A toy car can go 5 mph. How long would it take to go 13 miles?

37, _____, 69, 85, 101, 117, 133, 149

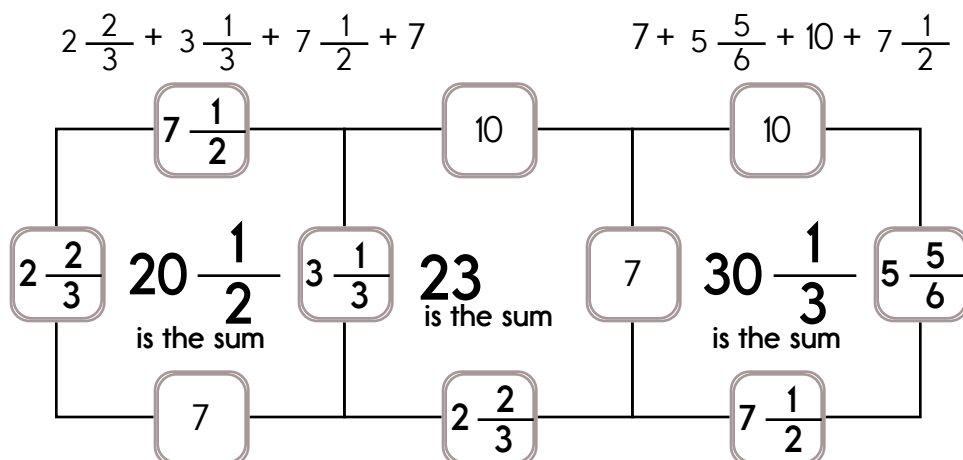Round 57,872 to the nearest hundred.

(8 + 11) x 5 x 10

40 + n = 53

9 + 7 + 7

Cross out the word that is **not** a relative adverb.

where, when, how, then

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

$2\frac{2}{3} + 3\frac{1}{3} + 7\frac{1}{2} + 7$ $7 + 5\frac{5}{6} + 10 + 7\frac{1}{2}$

Sample:

$7\frac{1}{2}$ 10 10

$2\frac{2}{3}$ **$20\frac{1}{2}$** $3\frac{1}{3}$ **23** 7 **$30\frac{1}{3}$** $5\frac{5}{6}$
is the sum   is the sum   is the sum

7 $2\frac{2}{3}$ $7\frac{1}{2}$

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $5\frac{5}{6}$, $3\frac{1}{3}$, or $1\frac{1}{2}$.

The other three numbers have to all be DIFFERENT and must be from these: $2\frac{2}{3}$, 7, 10, or $7\frac{1}{2}$.

7 $1\frac{1}{2}$

$1\frac{1}{2}$ **$21\frac{1}{6}$** 10 **$21\frac{2}{3}$** $7\frac{1}{2}$ **$21\frac{1}{6}$**

$2\frac{2}{3}$ 7

$21\frac{1}{6}$ **$18\frac{2}{3}$**   **$25\frac{1}{2}$** **23**

$3\frac{1}{3}$ **23**   **$21\frac{2}{3}$**

10 $2\frac{2}{3}$

Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
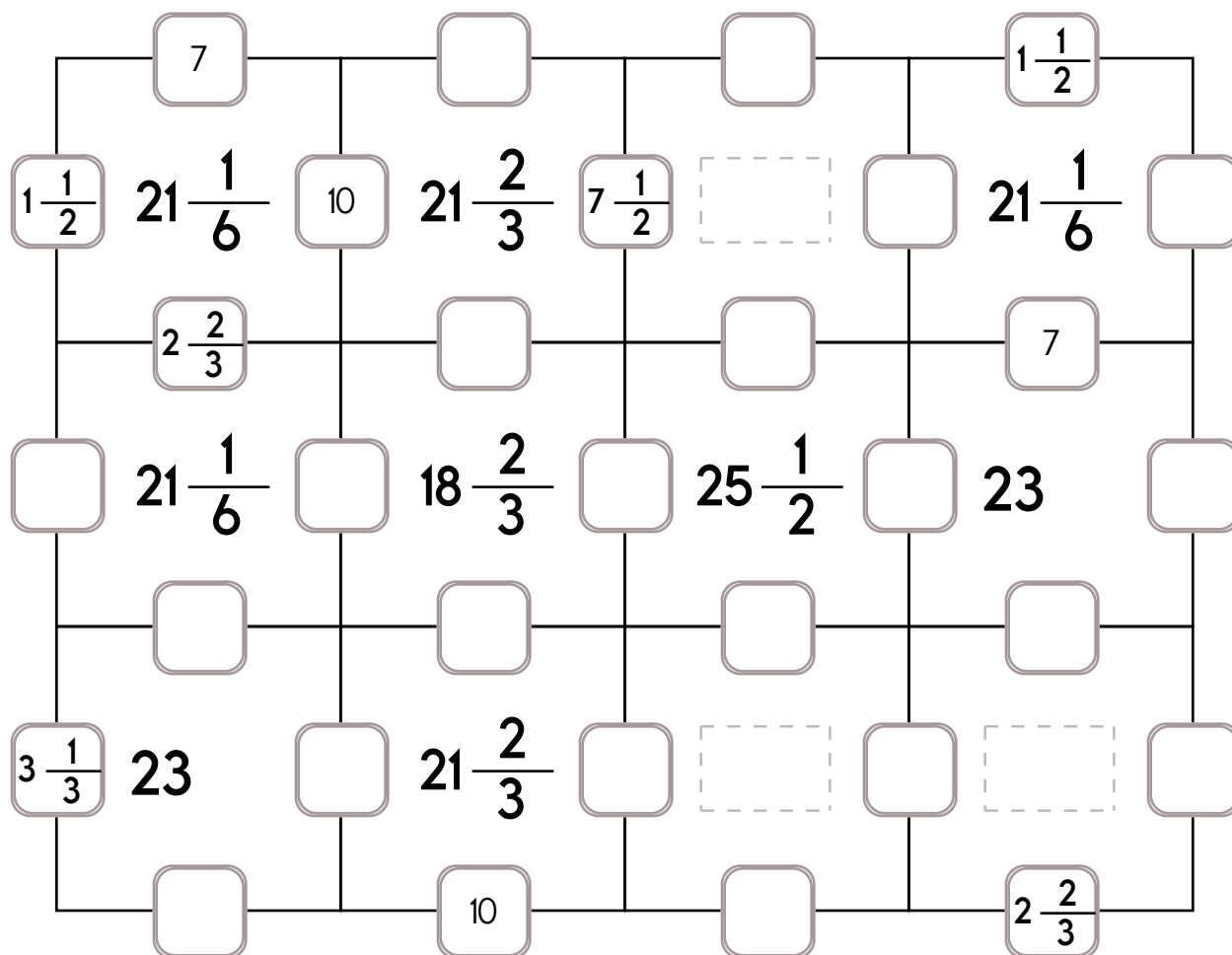
Exactly one of the four numbers has to be one of these numbers: $4\frac{1}{3}$, $6\frac{2}{3}$, or $2\frac{5}{7}$.

The other three numbers have to all be DIFFERENT and must be from these: $8\frac{2}{3}$, 8, $9\frac{2}{3}$, or 4.

Name: _____

| 17.1 | -2 | | +4 | | -7.4 | | +13.9 |

| +51.6 | +38.2 | +26 |

| -11.7 | +8 | -16 |

| +5.9 | | +1.8 | |

| -77.3 | +64.8 |

| -3.5 | | +25 | | -6 | 82.2 | | -9 | 123.4 |

Mary was given four numbers: 7, 5, 8, and 3. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than three-fourths?

80 ÷ 8 =

Name: _____

Draw a line from START to END.

19   2   6

~~31~~

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

4 x 1 ÷ 1

110 ÷ 11 - 6

START

9 + 11 - 3 + 2

1 x 10 ÷ 2

70 ÷ 10 - 5

9 x 4 + 2 - 7

31

10 + 12 x (10 - 3)

11 x 9 - 3 + 10

(11 x 11) - 12 + 8

3 + 5 x 11 - 8

2 + 90 ÷ 9

5 x 6 + 3 - 12

END

8 + 6 - 4 - 7

12 - 6 + 12 + 8

4 + 6 x 1 - 4

8 + 80 ÷ 10

2 x 4 - 8 + 5

9 - 9 + 1 + 9

10 + (11 x 9) - 10

132 ÷ 12 + 7

7 x 12 ÷ 2

6 x 7 + 8 - 9
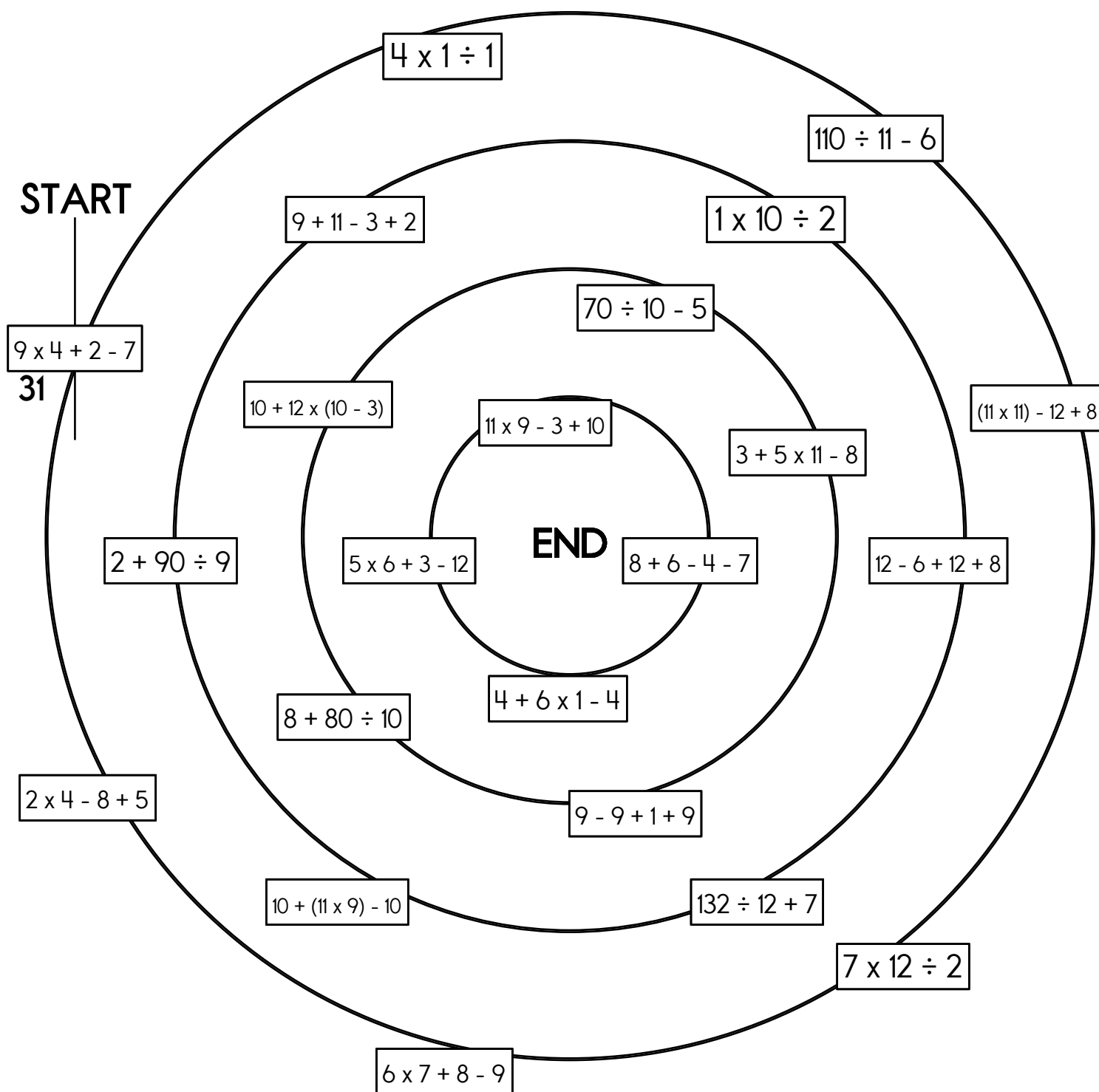
Name: _____

Justin found 30 seashells. He put them in a bag and pulled out 4 pink shells out of 12 pulls. Predict the number of pink shells he will pull in 9 more pulls.

Jenna wanted to make a chart illustrating the effects of static electricity. She used a sheet of poster board that was 15 inches wide and 35 inches long. She divided the poster board into five equal sections. What was the area of each section?

Sara was tired of being called a geek. She wrote "Sara is not a geek." 10 times on all 7 chalkboards in the school hallway. How many times did she write the sentence?

Grandma Jefferson bought 6 journals for her memoirs. There are 516 pages in the journals in all. Each journal has an equal number of pages. How many pages are in each journal?

The circus is in town! Tickets are only $4 for kids. Adults need to pay double the price of kids tickets. Jessica is bringing four of her friends in her class. Her mom is also coming. Jessica wants to pay for everyone. How much will she need to pay?

April wants to call Anne. Anne is on vacation in Asia. It is a time difference of fourteen hours. Anne's time is always later than April's time. If it is 9:52 A.M. where April lives, then what time is it where Anne is?

_____

---

word root **contra** can mean **against or opposite**   **contradict**

Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

Round 15,405 to the nearest thousand.

It was 8 degrees below zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

What 4 coins add up to 21 cents?

Circle the three numbers whose product equals 693.

11   9   4

7   4   9

$2\frac{1}{3} + 3\frac{2}{3}$

What is the area of a rectangle with sides 5 cm and 12 cm?

How many centimeters in 740.6 meters?

50, 60, 70, _____, 90, 100, 110

Round the decimal 0.475 to the nearest hundredth.

It was 79 degrees outside. What would the temperature be if it got 25 degrees colder?
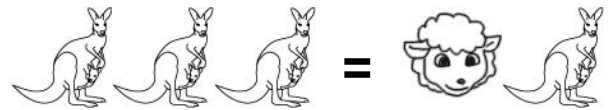
How many minutes is it from 6:00 a.m. to 11:50 a.m.?
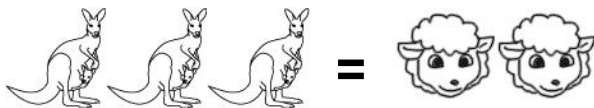
13, 15, _____, 19, 21, 23, 25, 27, 29

Name: _____

 =

☐ True   ☐ False

 =

☐ True   ☐ False

 =

☐ True   ☐ False

 >
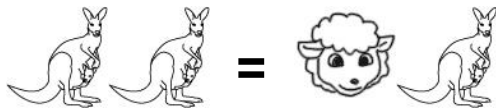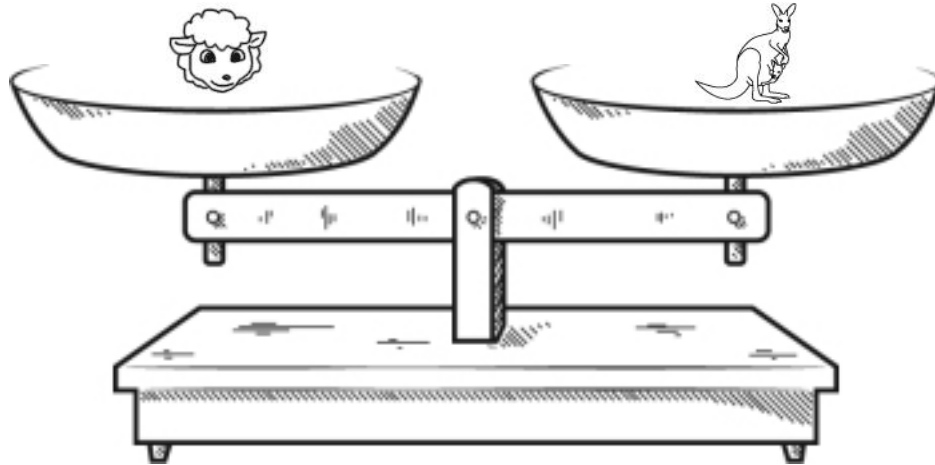
☐ True   ☐ False

 =

☐ True   ☐ False

Did you find that one is true? If not, look again!
You should only mark TRUE if you are absolutely sure it is correct!

The perimeter of a rectangle is 26 cm. The longer side is 9 cm. How long is the shorter side?	D, H, _____, P, T, X	Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?

What is the homophone of this word? add _____	Insert punctuation marks into this sentence. Mrs. Phillips called to Mrs. Marks, My class has been so good today!

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

_____, 99, 108, 117, 126, 135, 144, 153, 162
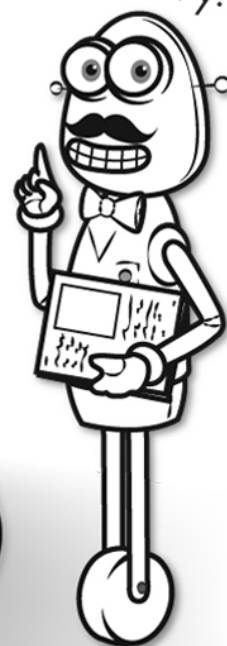
18, 27, _____, _____, _____, 63, 72, 81

Complete each pattern. Write what the rule is.

19	38	57
76	95	
133	152	
190	209	