

## Math Homework

Quarter 4

Week 2 \* Monday

1. What decimal is equal to  $\frac{3}{4}$ ?

2. A package of 15 balloons costs \$1.20. How much does one balloon cost?

3. Riley threw a ball 123.2 meters. Jose threw a ball 43.16 meters. What is the difference between the two distances?

4. What is the prime factorization of:

60

32

6. Order the following fractions from least to greatest.

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

7. Solve.

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

$$\frac{3}{5} + \frac{1}{5} =$$

8. Draw a number line and place the following on it:

 $\frac{4}{8}$ 

0.25

 $\frac{3}{4}$ 

0.5



5. Andre has 372 baseball cards. He wants to put them in packs of 12 cards each. How many packs of cards will Andre have?

9. Catherine says that she can type 152 words per minute. At that rate, ABOUT how many words can she type in a half hour?

10. What is the value of  $y$  in  $y = 3x - 2$ , when  $x = 2.1$ ?

Math Homework

Quarter 4

Week 2 \* Tuesday

1.  $\frac{1}{2} + \frac{1}{4} =$

6.  $3^4 =$

2. What is  $2\frac{4}{10}$  written in simplest form?

7. Write an equation that would match the table.

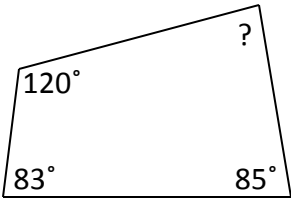
X	Y
2	5
9	12
10	13
15	18

3. The first leg of a 100 mile motorcycle race is 32.5 miles. The second leg is 42.1 miles and the third leg is 11.5 miles. What is the distance of the fourth leg of the race?

8.  $3.2 \times 4.5 =$

4. Mr. Stowe earns \$83 per hour working as an accountant. If he works 54 hours each week, how much money does Mr. Stowe earn in one week?

9.



5. Milton mixed  $\frac{1}{2}$  gallons of red paint,  $\frac{2}{5}$  gallons of blue paint, and  $1\frac{2}{3}$  gallons of orange paint into a mixing barrel. How many gallons of paint did Milton put in the barrel altogether?

10. William is saving \$7.53 every week to buy a video game that costs \$67.77. How many weeks must he save?

Math Homework

Quarter 4

Week 2 \* Wednesday

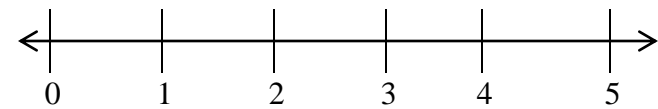
1. What is the prime factorization of

15

16

6. Charlie has a collection of 18 footballs. He gave  $\frac{2}{3}$  of his collection to his brother. How many footballs did Charlie give to his brother?

2. Place  $\frac{1}{2}$  on the number line below.



3.  $2.5 + 0.32 + 6 =$

7. A very tall ladder is  $10\frac{1}{6}$  feet. A shorter ladder is  $6\frac{3}{6}$  feet. What is the difference in heights between these two ladders?

8. Circle the letters below that have intersecting (not perpendicular) lines.

U

P

A

Q

V

K

4. If  $n = 6$ , what is the value of  $2 - n$ ?

9. What is the value of  $3x + 6$  if  $x = 2$ ?

5. What equation could be used to create the table below?

X	Y
-9	-5
-2	2
4	8
11	15

10. Write 2 equivalent fractions for the following:

$\frac{1}{4}$

$\frac{3}{4}$

$\frac{1}{2}$

Math Homework

Quarter 4

Week 2 \* Thursday

1. Find a rule for the table below. Write an equation for the rule.
6. If  $t = 5$ , what is the value of  $14 - 4t$ ?

X	Y
0	3
1	4
2	5
3	6

2. Jamil hiked  $3\frac{3}{4}$  miles on Monday,  $2\frac{3}{8}$  miles on Wednesday and  $\frac{1}{4}$  miles on Friday. How many miles did Jamil hike altogether?

7. What is the prime factorization of 9?

8. Marika paid \$6 for a package of 24 popsicles. What is the cost of each popsicle in the package?

9. Order the decimals from least to greatest.

0.9      0.092      0.98      0.928      0.009

3. If  $9 + x < 15$ , what are some possible values of  $x$ ?

10. Which point in the graph below should be added to create a rectangle?

4.  $\frac{5}{6} - \frac{1}{3} =$

5.  $\frac{1}{5} \cdot \frac{3}{4} =$

