

Name _____

Class _____

Date: _____

Unit 4 Pre-Test Homework

SHOW ALL WORK!

1) What is the value of $2\frac{5}{6} - 1\frac{1}{4}$?

2) What is the value of $2 \div 3\frac{4}{5}$?

3) What is the value of 7.8×5.1 ?

4) What is the greatest common factor of 56 & 60?

5) What is the least common multiple of 9 & 12?

6) Jasmine bought 32 kiwi fruit for \$16. How many kiwis can Lisa buy if she has \$4?

7) Franklin rode his bike 24 miles in 3 hours. How many miles did Franklin travel per hour?

8) Several stores are having sales. The prices are reduced by $.55$, $\frac{2}{3}$, $.8$, $\frac{1}{2}$, and $\frac{7}{10}$. Order the price reductions from greatest to least.

9) Distribute the following: $4(7x + 9) =$ _____

10) Each day, Aaron feeds his puppy one cup of dog food in the morning and one cup in the evening. How many quarts of food does Aaron feed his puppy during a week?

11) Molly has 5,210 mL of soda. How many liters of soda does she have?

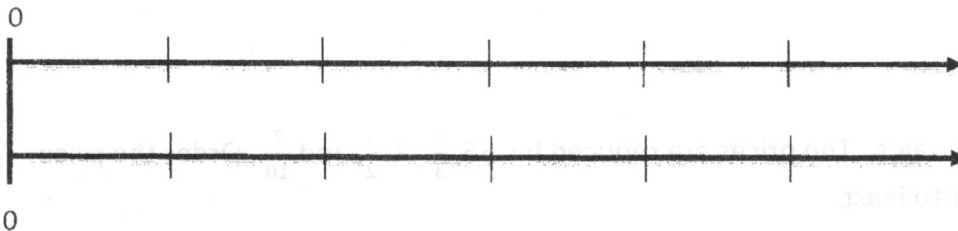
12) Write $\frac{3}{8}$ as a decimal and a percent.

13) Khloe's teacher gave her a science test with 25 questions on it. She answered 5 incorrectly. What percent of questions did Khloe get correct?

14) Danny wants to buy a new video game. The video game's original price is \$100. Danny's mom gave him a coupon for 25% off. What is the price of the video game with the 25% off coupon?

15) What is $|-3| + |-2|$?

16) A box of candy has 4 cherry pieces for every 9 lemon pieces. If the box has 45 lemon pieces, how many cherry pieces would there be? Label each line, then design a double number line to solve.



17) Compare by using the symbols: $<$, $>$, or $=$. a. $\frac{6}{8}$ _____ .68 b. $-\frac{1}{3}$ _____ $-|-30|$

18) What is the opposite of the opposite of -172? _____