

Name _____

Date ____/____/____

Algebra

Mr. Towne

Quiz 2.2

Change the following fraction to a decimal

1) $\frac{5}{8}$

Write each ratio named below as a fraction. Use a number and a unit in both the numerator and the denominator.

2) 71% of the test was answered correctly.

3) Mr. Towne can jog 55 miles per hour....backward!

4) The map's scale is 1 centimeters : 50 meters

Solve the following:

5) $\frac{a}{3} = \frac{7}{10}$

6) $\frac{3}{a} = \frac{7}{10}$

Set up a proportion for each of the following problems *and* then solve the equation. Show your work *neatly*.

7) Al read 40 pages of a book in 50 minutes. How many pages should he be able to read in 80 minutes?

8) Hal sees that candy bars are four for \$1.49. How much do three candy bars cost?

9) Sal rode his bike 12 km in 40 minutes. How far can he travel in one hour?

10) Cal found a large can filled with white poker chips. He then bought 100 red poker chips and added them to the can. Later, after the chips had been mixed up, he pulled out 50 chips and found 15 of them to be red. What is the best estimate of the number of white chips in the can?