

Name _____
Alg1 Q4 Quiz 11 Review

May 17, 2019
Proportion and Percent Word Problems

a) 166.4 is what percent of 256?

b) 252 is 45% of what number?

c) What number is 82% of 2,500?

Percent Word Problems:

- 1) Today at SFP 16% of 2,700 students were absent. How many students were absent? How many students were present?

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- 5) Sally weighs 120 pounds. On the moon she weighs 45 pounds. If Bill weighs 67.5 pounds on the moon, what is his earth weight?
- 6) Yesterday at Prep, 2,464 out of 2,800 students were present. What percent of the student body was absent?
- 7) On a map, $\frac{1}{4}$ inches = 60 miles. How many miles does 3 inches equal? How many miles do $\frac{2}{3}$ inches equal?

8) On a map, $\frac{1}{3}$ inches = 120 miles. How many inches equal 640 miles?

9) Mr. McCormack's E period class has 40 students. When asked who they like better, the Yankees or the Mets, 95% answered the Yankees. How many students said they liked the Mets better?

10) If 3 bags of Life Savers cost \$4.77, how much do 8 bags cost?