

Proportions Word Problems

1) If three gallons of gas cost \$11.53, then how much gas can be bought with \$75? (round answer to nearest hundredth of a gallon)

2) Ashley bought 7 apples for \$3.22. How much will 13 apples cost?

3) Mike was able to travel 297 miles with 11 gallons of gas. How far can he travel with 25 gallons of gas? (round answer to nearest mile)

4) On a certain map the ratio is 1:7, meaning that one inch is equal to seven miles. If the distance that Lisa want to hike is 5.3 inches on the map, how many miles will she have to hike? (round answer to nearest tenth of a mile)

5) A tree casts a shadow eleven feet long, while Jasmine, who is 5' 8" casts a shadow 2.14 feet long. How tall is the tree? (round answer to nearest hundredth)

6) Jacob is fixing up a house. If it cost him \$3,456 so far and he is thirty percent done with the renovation, how much more will he need to finish the job?