

Name: _____

Date: _____

HW # 12a: Algebra 1 - Standard 7 - Ratios and Proportions

5 points

For each, write and solve a proportion. Show work needed to justify your answer.

37. BOATING Dedra's boat used 5 gallons of gasoline in 4 hours. At this rate, how many gallons of gasoline will the boat use in 10 hours?

39. PRECISION In November 2010 the average cost of 5 gallons of regular unleaded gasoline in the United States was \$14.46. What was the average cost for 16 gallons of gasoline?

44. TRAVEL Roscoe is exchanging \$121 for Euros for his upcoming trip to Germany. If \$2 can be exchanged for 1.78 Euros, how many Euros will Roscoe have?

46. COFFEE A barista is mixing a house blend of coffee that is 25% light roast. If there are 8 pounds of the light roast available, how much of the blend can the barista make?