Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework #3 Proportion/Equivalent Ratio Homework

Solve each proportion below – SHOW ALL WORK.

1. A boat can travel 192 miles on 32 gallons of gasoline. How far can it travel on 82 gallons?

Answer:

1. A car travels 232 miles in 4 hours (with a constant speed). How far can it travel in 7 hours (with the same speed)?

Answer:

1. 46 kg of apples cost $92. How many kilograms of apples can you get with $80 ?

Answer:

1. If you buy one pound of apples for $2, how many can you buy with $10?

Answer:

**Review Questions:**

5. In a package of star stickers there are 15 red stars, 25 gold stars and 10 green stars.

a) What is the ratio of red to gold stars (in simplest form)?

b) What is the ratio of green stars to the total number of stars?

c) Use a proportion to show how many **red** stars there would be in 6 packages. How many **gold** stars would be in 6 packages? How many **green** stars would be in 6 packages of stickers?