**Compare & Graph Ratios**

You must earn 6 points!

**Determine which car gets the best gas mileage.**

1

point

**Find the best buy.**

**3.**

**5.** Protein Bar A has 15 grams of protein in a 40 gram bar. Protein Bar B has 20 grams of protein in a 60 gram bar. Which bar has more protein per gram?

6. You are choosing a song for your dance recital. Song A has 11 beats in 10 seconds. Song B has 7 beats in 6 seconds. Which song has the greater rate?

**Complete the ratio tables and graph the ordered pairs from the table. What can you conclude?**

**7. 8.**

2

points

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**9.** The deli offers a fruit salad with 5 blueberries for every 3 pieces of cantaloupe. The deli changes the mixture to have 6 blueberries for every 4 pieces of cantaloupe, but the number of pieces of fruit in the salad does not change.

 **a.** Create a ratio table for each salad. How many blueberries are in the smallest possible salad?

 **b.** Blueberries cost less than cantaloupe. Should the company charge more or less for the new salad? Explain your reasoning.

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**Re**

**Reflecting Back**

You must complete ALL 6 problems!

1. **Divide. Write your answer in simplest form.**

 

1. **Divide.**



1. **Use the Distributive Property to simplify the expression.**

12(y + 5)

1. **Write the inequality**

You can eat no more than 10 cookies.

1. **Find the Greatest Common Factor (GCF) & the Least Common Multiple (LCM).**

 15 and 35

1. **Evaluate the expression.** (15 ÷ 5) + 32 + (14 – 5) • 3