

Proportional Relationships

Ratios and Proportions

Applying Rates and Ratios

Page [1 of 1]

Example 1

Use a table to find three equivalent ratios or rates.

1. $\frac{2}{7}$

2. 7 to 12

3. 96:48

4. $\frac{69 \text{ miles}}{3 \text{ gallons}}$

5. $\frac{\$120}{8 \text{ hours}}$

6. $\frac{9}{4}$

7. $\frac{\$0.15}{1 \text{ ounce}}$

8. 25:26

Example 2

9. Marta's car gets $\frac{78 \text{ miles}}{3 \text{ gallons}}$, Beth's car gets $\frac{52 \text{ miles}}{2 \text{ gallons}}$, and Erik's car gets $\frac{32 \text{ miles}}{1 \text{ gallon}}$. Which driver gets the same miles per gallon as Marta?

Example 3

10. **Sports** Leo runs laps around a track. The table shows how long it takes him to run different numbers of laps. Predict how long it will take Leo to run 7 laps.

Number of Laps	2	4	6	8	10
Time (min)	10	20	30	40	50