3-9 Proportions

ratio - comparison of 2 numbers (often expressed as a fraction.)

proportion - two equal ratios

Solve

$$\frac{x}{21} \times \frac{3}{7}$$

$$\frac{4}{7} \times \frac{24}{7}$$

$$\frac{4}{7}$$

If a car moving at a constant speed travels 55 miles in 2 hours, how many miles will it

travel in 7 hours?

Let M=miles

$$\frac{\text{Milcs}}{\text{hours}} = \frac{55}{2} \frac{\text{M}}{7}$$

$$= \frac{28}{200} = \frac{385}{200} =$$