

Proportion Word Problems 9/24

Steps:

1. Find out what 2 "things" we are comparing so you can set up 2 rates

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2. One Rate will ALWAYS have both "pieces" filled in, and the other will be missing 1 "piece"
 → Fill in 1st side & figure out what's missing for 2nd side (use units)

3. Solve your proportion (cross multiply & divide)

Sep 25-10:10 AM

A boat travels 187 miles in 4 hours. How far can it travel in 8 hours?

Miles
hours

$$\frac{187}{4} = \frac{x}{8}$$

$$\frac{4x}{4} = \frac{1496}{4}$$

$$x = 374 \text{ miles}$$

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