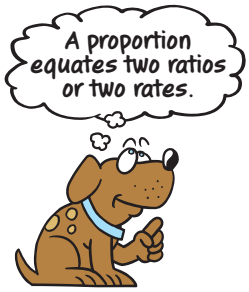
Proportions

Name _____

Key Concept and Vocabulary



Two rates are equal.

$$\frac{240 \text{ miles}}{3 \text{ hours}} = \frac{80 \text{ miles}}{1 \text{ hour}}$$

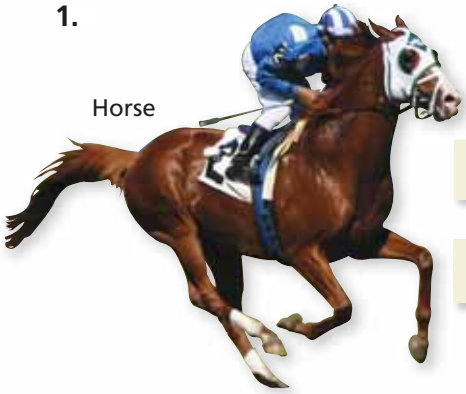
Motorcyclist

PRACTICE MAKES *PURR*-FECT™

Check your answers at BigIdeasMath.com.

Decide whether the two rates are equal. Write = or ≠ in ☐. Circle the correct answer.

1.

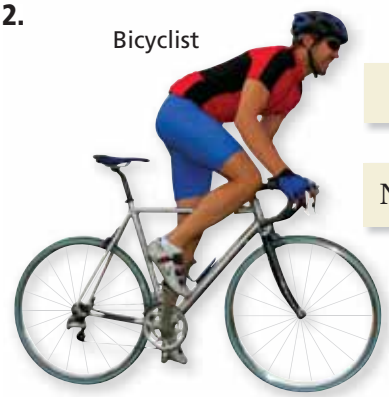


Proportion

Not a Proportion

$$\frac{15 \text{ miles}}{0.5 \text{ hour}} \square \frac{30 \text{ miles}}{1 \text{ hour}}$$

2.

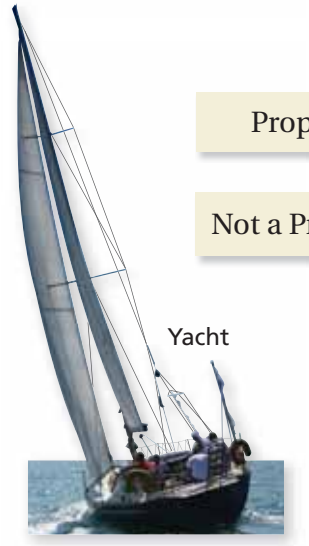


Proportion

Not a Proportion

$$\frac{200 \text{ miles}}{10 \text{ hours}} \square \frac{25 \text{ miles}}{1 \text{ hour}}$$

3.

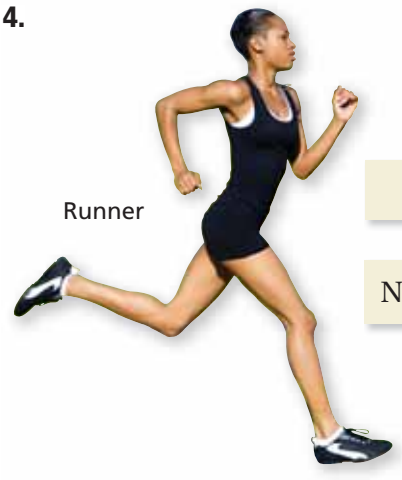


Proportion

Not a Proportion

$$\frac{250 \text{ miles}}{5 \text{ hours}} \square \frac{50 \text{ miles}}{1 \text{ hour}}$$

4.



Proportion

Not a Proportion

$$\frac{4 \text{ miles}}{0.25 \text{ hour}} \square \frac{16 \text{ miles}}{1 \text{ hour}}$$