

RATIOS

RATES

PROPORTIONS

Definition:

A ratio is a

_____ of _____ or more numbers.

Example:



The ratio of stars to circles is 2 to 3.

YOU SHOULD KNOW:

There are _____ ways to write a ratio.

- 1) _____
- 2) _____
- 3) _____

Definition:

A rate is a _____ comparing two numbers with different _____.

Example:

A car travels 100 miles in 2 hours.

$$\frac{100 \text{ miles}}{2 \text{ hours}}$$

YOU SHOULD KNOW:

A _____ rate tells the rate in lowest terms, or the amount for _____.

Ex. $\frac{100 \text{ miles}}{2 \text{ hours}} = \frac{50 \text{ miles}}{1 \text{ hour}}$

Definition:

A proportion is an _____ showing two ratios are _____.

Example:

$$\frac{10}{25} = \frac{40}{100}$$

YOU SHOULD KNOW:

In a proportion, if the ratios are equivalent, then the _____ are equal.

Think of equal fractions.