**ALGEBRA**

**SECTION 4.1B**

**PROPORTIONS**

**Proportion:**

An equations that states

Example:

**Means – Extremes Property**

If $\frac{A}{B}=\frac{C}{D}$ then

**Solve:**

$\frac{x}{3}=\frac{3}{4}$ $\frac{x}{2}=\frac{17}{5}$

Suppose you drove 3630 km in 30 minutes. How long would it take you to go 5876 km at the same speed? (nearest 10th)

\*\*\*KEY:

**Solve:**

$\frac{x+2}{14}=\frac{x}{10}$ $\frac{d-7}{4}=\frac{2d+1}{3}$ $\frac{z+3}{4}=\frac{z-4}{6}$