

Name

Alg I

Solve Proportions Using Cross Products

I can solve proportions using cross products.

Example 3:

$$4) \frac{8}{100} \propto \frac{x}{260}$$

$$100x = 2080$$

$$x = 20.816$$

Ch. 2 Quiz 9/21 or
9/22 Ch. 1/2 Test
9/23 or 9/26

* Complete Skills
Practice, pg. 123,
4, 6, 12, 19, 21, 23

Scale Drawing: Two-dimensional drawing in proportion to an actual object

Scale Model: Three dimensional model in proportion to an actual object

Scale: Relates the drawing/models dimensions to the actual dimensions

Example 4:

$$5) \frac{1}{85} \propto \frac{2.5}{x}$$

$$x = 212.5 \text{ km}$$

$$6) \frac{1}{600} \propto \frac{1.6}{x}$$

$$x = 960 \text{ ft}$$