

Write and use a proportional relationship to find missing information.

Solving proportions:

① common multiplier

$$\frac{6}{4} = \frac{24}{x}$$

Diagram showing the common multiplier method: arrows labeled "x4" point from the denominator 4 to the numerator 24, and from the denominator x to the numerator 6.

$$x = 16$$

② cross-multiply

$$\frac{6}{4} = \frac{24}{x}$$

Diagram showing cross-multiplication: two loops connect the 6 to the x and the 24 to the 4.

$$6x = 24 \cdot 4$$

$$6x = 96$$

$$x = 16$$

please complete:

7-98, 7-99, 7-100

review: 7-102, 7-103, 7-104