

Solve the following Proportions by Cross Multiplying

1.
$$\frac{10}{28} = \frac{2}{x}$$

2.
$$\frac{2.54}{1} = \frac{16.51}{x}$$

3.
$$\frac{7}{x} = \frac{8}{7}$$

4.
$$\frac{x}{1.25} = \frac{4.8}{15}$$

Solve the Following by Setting up Equivalent Ratios and Cross Multiplying.

5. The ratio children to adults at a party was 14 : 4. If there were 35 children at the party, how many adults attended?

Solve the following Proportions by Cross Multiplying

1. $\frac{10}{28} = \frac{2}{x}$

$56 = 10 \cdot x$

$\div 10 \quad \div 10$

$5.6 = x$

2. $\frac{2.54}{1} = \frac{16.51}{x}$

$16.51 = 2.54x$

$\div 2.54 \quad \div 2.54$

$6.5 = x$

3. $\frac{7}{x} = \frac{8}{7}$

$8x = 49$

$\div 8 \quad \div 8$

$x = 6.125$

4. $\frac{x}{1.25} = \frac{4.8}{15}$

$6 = 15 \cdot x$

$\div 15 \quad \div 15$

$0.4 = x$

Solve the Following by Setting up Equivalent Ratios and Cross Multiplying.

5. The ratio children to adults at a party was 14 : 4. If there were 35 children at the party, how many adults attended?

Children
Adults

$\frac{14}{4} = \frac{35}{x}$

$140 = 14x$

$\div 14 \quad \div 14$

$10 = x$

10 adults