

Use equivalent ratios to solve proportions

1. $\frac{2}{7} = \frac{24}{x}$

3. $\frac{4}{15} = \frac{x}{90}$

2. $\frac{x}{20} = \frac{154}{280}$

4. $\frac{x}{13} = \frac{70}{91}$

Use algebra to solve proportions

1. $\frac{x}{14} = \frac{10}{4}$

3. $\frac{x}{22} = \frac{20}{5}$

2. $\frac{15}{65} = \frac{x+2}{13}$

4. $\frac{39}{24} = \frac{x+3}{8}$

Use cross multiplication to solve proportions

1. $\frac{x}{36} = \frac{12}{16}$

3. $\frac{x}{108} = \frac{15}{12}$

2. $\frac{20}{68} = \frac{x+4}{17}$

4. $\frac{x+2}{14} = \frac{11}{35}$

Write and solve a proportion to solve the problem.

1. Four notebooks cost \$4.40. How many notebooks can you buy for \$6.60?

2. Carl works 8 hours and earns \$52. How many hours would he have to work to earn \$130?

