

Solving Proportions

Solve the following proportions:

1. $\frac{x}{10} = \frac{3}{5}$

2. $\frac{6}{9} = \frac{x}{15}$

3. $\frac{27}{21} = \frac{p}{14}$

4. $\frac{4}{7} = \frac{x}{84}$

5. $\frac{5}{2} = \frac{2}{x}$

6. $\frac{t}{4} = \frac{5}{10}$

Writing Proportions

Set up a proportion making sure both ratios are in the same order and solve.

7. If 18 plums weigh 54 ounces, then 27 plums weigh how many ounces?

8. Gary can type three pages in 18 minutes. How many pages can he type in 33 minutes?

9. A cell phone company charges \$5 for 250 text messages. How much does the company charge for 300 text messages?