Geometry
Unit: Similarity
Section: Ratios and Proportions

Review Worksheet

Solve each proportion:

1. $\dfrac{10}{8} = \dfrac{x}{10}$

2. $\dfrac{7}{x+5} = \dfrac{10}{5}$

3. $\dfrac{x+10}{x-7} = \dfrac{8}{9}$

4. $\dfrac{4}{9} = \dfrac{x-3}{6}$

5. Mary was planning a trip to Western Samoa. Before going, she did some research and learned that the exchange rate is 6 Tala for $2. How many Tala would she get if she exchanged $10?

6. Jamie bought 32 kiwi fruit for $16. How many kiwi can Linda buy if she has $5?

7. If you can buy four bulbs of elephant garlic for $6, then how many can you buy with $25?

8. Marla reduced the size of a painting to a width of 3.3 in. What is the new height if it was originally 34.5 in. tall and 43.8 in. wide?