

L1 - Solving Percent Problems using
Proportions Worksheet

Name: _____

Date: _____ Section: _____

REMEMBER:

"OF" number is always behind the word of

"%" number is the number with the percent sign

"IS" number will be in front of the word is
or behind the word is

PROPORTION

$$\frac{\textit{is}}{\textit{of}} = \frac{\%}{100}$$

Write a proportion and then solve it for each problem. Be sure to show all the steps for solving a proportion. If necessary, round answers to the nearest tenth.

1. What number is 70% of 45? 1. _____

2. 23% of 75 is what number? 2. _____

3. 45 is what percent of 90? 3. _____

4. What percent of 77 is 7? 4. _____

5. 15 is 25% of what number? 5. _____

6. 18% of what number is 43? 6. _____