Solving Percent Problems using
Proportions Worksheet

Name: _____

Date: _____

PROPORTION

$$\frac{\%}{100} = \frac{is(part)}{of(whole)}$$

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. _____

7. What number is 75% of 125?

7. _____

8. 60 is what percent of 25?

8. _____

9. 39 is 150% of what number?

9. _____

10. What percent of 752 is 25?

10. _____

11. 95% of what number is 19?

11. _____

12. 0.5% of 490 is what number?

12. _____