

Algebra I

4.5 Homework #2 Worksheet

Solving Equations with Percents

NAME: _____

DATE: _____ HOUR: _____

Using variable a , b or c , translate each statement into an EQUATION then solve. Show your work. Box your solutions.

$$a\% \text{ of } b = c$$

- 35% of 80 is what number?
- What percent of 25 is 5?
- 10% of 8 is what number?
- 150% of 40 is what number?
- What percent of 60 is 15?
- 20% of what number is 18?
- 5% of 80 is what number?
- 10% of what number is 18?

9. 150% of 50 is what number?

10. 2.5% of 100 is what number?

11. What percent of 20 is 5?

12. What percent of 60 is 24?

13. 35% of 70 is what number?

14. What percent of 25 is 15?

15. 12% of 8 is what number?

16. 182% of 40 is what number?

17. 55% of what number is 440?

18. 4% of what number is 1?