

Reteaching 6-7 Percents and Equations

You can solve percent problems by writing and solving an equation.

8 is 16% of what?

$8 = 0.16 \cdot n$ Write an equation. Write the percent as a decimal.

$\frac{8}{0.16} = \frac{0.16n}{0.16}$ Divide each side by 0.16.

$50 = n$ Simplify

8 is 16% of 50.

Write and solve an equation. Where necessary, round to the nearest tenth or tenth of a percent.

1. What percent is 84 of 60?

3. What percent is 22 of 33?

5. What percent is 18 of 48?

7. Find 37.5% of 104.

9. Find 68% of 150.

11. Find 12.5% of 56.

13. 95% of h is 60. What is h ?

15. 30% of n is 42. What is n ?

17. 25% of y is 96. What is y ?

2. What percent of 40 is 26?

4. What percent of 32 is 28?

6. What percent of 81 is 18?

8. Find 0.4% of 25.

10. Find 180% of 65.

12. Find 86% of 55.

14. 24% of m is 17. What is m ?

16. 28% of b is 49. What is b ?

18. 72% of k is 234. What is k ?
