

Practice B

For use with pages 415–418

Write the percent as a decimal.

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|--------|--------|--------|
| 1. 88% | 2. 48% | 3. 10% |
| 4. 75% | 5. 2% | 6. 39% |

Write the fraction as a percent.

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|--------------------|---------------------|--------------------|
| 7. $\frac{4}{5}$ | 8. $\frac{3}{10}$ | 9. $\frac{29}{50}$ |
| 10. $\frac{9}{20}$ | 11. $\frac{14}{25}$ | 12. $\frac{1}{5}$ |

Find the percent of the number.

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|---------------|----------------|----------------|
| 13. 40% of 85 | 14. 25% of 64 | 15. 10% of 150 |
| 16. 70% of 30 | 17. 50% of 400 | 18. 15% of 200 |

Tell whether the statement is *true* or *false*. If it is false, correct the statement.

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|--------------------------|----------------------------|----------------------------|
| 19. $\frac{1}{10} = 1\%$ | 20. $\frac{43}{50} = 86\%$ | 21. $\frac{17}{20} = 34\%$ |
|--------------------------|----------------------------|----------------------------|

Solve the proportion by writing the fraction as a percent.

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|------------------------------------|-------------------------------------|-------------------------------------|
| 22. $\frac{7}{20} = \frac{x}{100}$ | 23. $\frac{21}{25} = \frac{y}{100}$ | 24. $\frac{33}{50} = \frac{v}{100}$ |
|------------------------------------|-------------------------------------|-------------------------------------|

Complete the statement using $<$, $>$, or $=$.

25. 20% of 90 ? 25% of 100 26. 12% of 350 ? 12% of 250
27. Only 40% of people between the ages of 18 and 24 read a daily newspaper. Write the percent as a fraction in simplest form.
28. Seven out of every 20 homes that own at least one television have two televisions. What percent of the homes that own at least one television have two televisions?
29. Thirteen of the 260 students at your school are on the yearbook staff. What percent of your school's students are not on the yearbook staff?