

9-9 Practice

Using Percent Equations

Solve each problem by using the percent equation, $P = R \cdot B$.

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| 1. 8% of what number is 60.16? | 2. 64 is what percent of 512? |
| 3. What is 15% of \$80. | 4. $33\frac{1}{3}\%$ of what number is 30? |
| 5. 32 is what percent of 24? | 6. 125% of what number is 15? |
| 7. What number is 19% of \$100? | 8. 4 is what percent of 6? |
| 9. 14 is 28% of what number? | 10. Find 200% of 115. |
| 11. $87\frac{1}{2}\%$ of 64 is what number? | 12. 49.2 is 102.5% of what number? |
| 13. 2 is what percent of 125? | 14. 40% of \$9 is what number? |

Find the discount or interest to the nearest cent.

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| 15. \$500 television, 15% off | 16. \$155 bicycle, 20% off |
| 17. \$300 typewriter, 10% off | 18. \$35 watch, 15% off |
| 19. \$160 violin, $12\frac{1}{2}\%$ off | 20. \$125 set of golf clubs, 20% off |
| 21. \$1454 computer, 25% off | 22. \$15.96 compact disc, $33\frac{1}{3}\%$ off |
