



9-9 Practice

Using Percent Equations

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

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

Find the discount or interest to the nearest cent.

- \$500 television, 15% off
- \$155 bicycle, 20% off
- \$300 typewriter, 10% off
- \$35 watch, 15% off
- \$160 violin, $12\frac{1}{2}\%$ off
- \$125 set of golf clubs, 20% off
- \$1454 computer, 25% off
- \$15.96 compact disc, $33\frac{1}{3}\%$ off
- \$300 at 6% for 1 year
- \$750 at 8% for 6 months
- \$4000 at 10.5% for 6 months
- \$945 at 11% for 8 months
- \$1200 at 8.5% for 2 months
- \$30,000 at 12.5% for 25 years