



5-Minute Check

Transparency 3-8

(over Lesson 3-7)

State whether each percent of change is a percent of increase or decrease. Then find the percent of change. Round to the nearest whole percent.

- original: 84
new: 96
- original: 47
new: 18
- Find the discounted price of a tent with a price of \$89 and a discount of 15%.
- Find the final price of a pair of hiking boots with a price of \$78, a discount of 10%, and tax of 6%.
- On July 1, a stock sold for \$46 per share, and on August 1, it sold for \$48.30 per share. What was the percent of change in the price of the stock?
- Standardized Test Practice** A car salesperson had sales of \$85,000 one week, and a 15% decrease in sales the next week. Which proportion could be used to find the amount of sales s the second week?

(A) $\frac{s}{85,000} = \frac{15}{100}$

(B) $\frac{85,000 - s}{85,000} = \frac{15}{100}$

(C) $\frac{85,000}{85,000 + s} = \frac{15}{100}$

(D) $\frac{85,000 + s}{85,000} = \frac{15}{100}$

ANSWERS

- increase; 14%
- decrease; 62%
- \$75.65
- \$74.41
- 5% increase
- B