

SKILL 19: Practice

Write *increase* or *decrease* for each change. Then find the percent of increase or decrease.

1. from \$90 to \$117

2. from \$98 to \$49

3. from \$45 to \$27

4. from \$72 to \$135

5. from \$120 to \$150

6. from \$200 to \$196

Solve each problem.

7. The enrollment at Polk Middle School grew from 440 students to 528 students. By what percent did enrollment grow?

8. Between 1978 and 1997 the price of gasoline increased from about \$.65 a gallon to about \$1.30. By what percent did the price of gasoline increase?

9. A store marked down the price of a television from \$800 to \$600. What is the percent of decrease in price?

10. The population of Liberty City decreased from 1,250 to 1,145. By what percent did the population go down?

11. During a 20% discount sale, a pair of skates was marked down \$7. What was the original price of the skates?

12. After Hank studied for a test and got a good grade, his average increased from 85 to 91. To the nearest percent, by what percent did Hank increase his average?



13. A \$12 tape is on sale for \$9. What is the percent of discount?

Skill 19

A 133%

C 25%

B 75%

D \$3

14. Which does not show the ratio 3 apples to 4 oranges?

Skill 1

F 3 : 4

H $\frac{4}{3}$ G $\frac{3}{4}$

J 3 to 4