

Practice 5-5

Percent of Change

Find each percent of increase or decrease. Round your answer to the nearest tenth, if necessary.

1. 15 to 20

2. 18 to 10

3. 10 to 7.5

4. 86 to 120

5. 17 to 34

6. 32 to 24

7. 27 to 38

8. 40 to 10

9. 8 to 10

10. 43 to 86

11. 100 to 23

12. 846 to 240

13. 130 to 275

14. 193 to 270

15. 436 to 118

16. 457 to 318

17. 607 to 812

18. 500 to 118

Solve.

19. In 1995, the price of a laser printer was \$1,299. In 2002, the price of the same type of printer had dropped to \$499. Find the percent of decrease.

20. The amount won in harness racing in 1991 was \$1.238 million. In 1992, the amount was \$1.38 million. What was the percent of increase?

21. In 1980, there were about 3 million people in Chicago. In 1990, the population was about 2.8 million people. Find the percent of decrease in the population of Chicago.

22. Caryn was 58 in. tall last year. This year she is 61 in. tall. What is the percent of increase in her height?

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Puzzle 5-5

Percent of Change

The football team tracked the points they scored for every game they played this season. Look at the percent change to determine the score that belongs to each game. The percentages have been rounded to the nearest whole percent.

Game 1 _____
 Game 2 _____
 19% decrease

Game 2 _____
 Game 3 _____
 18% decrease

Game 3 _____
 Game 4 _____
 71% increase

Game 4 _____
 Game 5 _____
 13% increase

Game 5 _____
 Game 6 _____
 4% increase



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