

LESSON

Practice B

2-10 Percent Increase and Decrease

Find each percent change. Tell whether it is a percent increase or decrease.

- | | | |
|----------------------|-----------------------|-----------------------|
| 1. 8 to 10
_____ | 2. 50 to 20
_____ | 3. 120 to 54
_____ |
| 4. 12 to 96
_____ | 5. 72 to 108
_____ | 6. 2 to 1.3
_____ |

Solve each problem.

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|--|--|
| 7. Find the result when 20 is increased by 35%.
_____ | 8. Find the result when 40 is increased by 64%.
_____ |
| 9. Find the result when 68 is decreased by 25%.
_____ | 10. Find the result when 120 is decreased by 15%.
_____ |
| 11. A pharmacy discount card gives the user 40% off prescriptions. Mr. Allen's cholesterol medication normally costs \$96.50. What is the final price with the discount card?
_____ | |
| 12. A gas station purchases fuel at a wholesale price of \$1.75 per gallon. The price is marked up 8%. What is the selling price per gallon?
_____ | |
| 13. San Francisco's Bay Area Rapid Transit (BART) sells \$48 tickets at a discount price of \$45. What is the percent discount?
_____ | |
| 14. A recording company sells a music CD for the wholesale price of \$12.75. A record store marks up the price to \$19.89. What is the markup as a percent?
_____ | |

Find each missing number.

15. 50 increased by 20% is _____.
16. 10 increased by _____% is 30.
17. 200 decreased by 55% is _____.
18. 60 decreased by _____% is 45.