

Unit 6: Percent Increase and Decrease

CONCEPT

Name: _____ Date: _____

Solve each problem. Write your answer as a number (include % or units where shown).

1. Find 10% of 80.

Answer: _____

2. Find 25% of 40.

Answer: _____

3. A shirt costs \$20. It goes up in price by 10%. What is the new price in dollars?

Answer: _____

4. A toy costs \$50. Its price increases by 20%. What is the new price in dollars?

Answer: _____

5. A book costs \$30. It is on sale for 10% off. What is the sale price in dollars?

Answer: _____

6. A backpack costs \$40. It is discounted 25%. What is the new price in dollars?

Answer: _____

7. A plant is 60 cm tall. It grows 5% taller. What is its new height in cm?

Answer: _____

8. A number is 200. Increase it by 15%. What is the result?

Answer: _____

9. A number is 90. Decrease it by 20%. What is the result?

Answer: _____

10. The price went from \$100 to \$110. What is the percent increase? (Give the number only.)

Answer: _____

11. The price went from \$80 to \$60. What is the percent decrease? (Give the number only.)

Answer: _____

12. A class of 20 students grows by 30%. How many students are there now?

Answer: _____