Write each percent as a decimal.

1. 18%   **2.** 4%   **3.** 0.5%

Write each decimal as a percent.

4. 0.45   **5.** 0.7   **6.** 1.35

Write each percent as a fraction or a mixed number in lowest terms.

7. 65%   **8.** 146%   **9.** 3.5%

Write each number as a percent.

10. $\dfrac{7}{20}$ **11.** $\dfrac{3}{8}$ **12.** $1\frac{3}{4}$

13. What number is 75% of 60?

14. What percent of 40 is 18?

15. 16 is 20% of what number?

16. On a driver's test, a student answered 23 questions correctly on a 25-question test. What percent of the questions did the student answer correctly?

17. A salesperson gets an 8% commission rate on all computers she sells. If she sells $12,000 in computers in 1 day, what is her commission?

18. A tennis racket that normally sells for $280 is on sale for 25% off. If the sales tax rate is 5%, what is the total price of the tennis racket if it is purchased during the sale?

19. If $5,000 is invested at 8% simple interest for 3 months, how much interest is earned?

20. How much interest will be earned on a savings account that pays 10% compounded annually if $12,000 is invested for 2 years?

Answers

1. 0.18 **2.** 0.04 **3.** 0.005 **4.** 45% **5.** 70% **6.** 135% **7.** $\frac{13}{20}$ **8.** $1\frac{23}{50}$ **9.** $\frac{7}{200}$ **10.** 35% **11.** 37.5%

12. 175% **13.** 45 **14.** 45% **15.** 80 **16.** 92% **17.** $960 **18.** $220.50 **19.** $100 **20.** $2,520