

SAT Percentages Worksheet

Name: _____ Date: _____

Circle one answer for each question. Use the blank space for calculations. A calculator is allowed.

- 1. A jacket originally costs \$80 and is discounted by 25%. What is the sale price?**
 - A. \$65
 - B. \$20
 - C. \$100
 - D. \$60

- 2. After a 20% increase, a town's annual fee is \$72. What was the fee before the increase?**
 - A. \$57.60
 - B. \$60
 - C. \$52
 - D. \$86.40

- 3. A value increases by 10% and then decreases by 10%. The final value is what percent of the original?**
 - A. 99%
 - B. 90%
 - C. 100%
 - D. 101%

4. Positive quantity A is 150% of positive quantity B. Quantity B is what percent of quantity A?
- A. 150%
 - B. 75%
 - C. $66\frac{2}{3}\%$
 - D. 50%
5. A store's revenue rises from \$240,000 to \$300,000. What is the percent increase?
- A. 20%
 - B. 25%
 - C. 60%
 - D. 125%
6. A solution has a total mass of 200 grams, of which 15% is salt. If 100 grams of water is added and no salt is lost, what percent of the new solution's mass is salt?
- A. 15%
 - B. 5%
 - C. 7.5%
 - D. 10%

7. A price is reduced by 30% to \$84. What was the original price?
- A. \$109.20
 - B. \$114
 - C. \$120
 - D. \$126
8. A school has 800 students, of whom 35% ride the bus. How many students do not ride the bus?
- A. 280
 - B. 365
 - C. 520
 - D. 765
9. A population increases from 500 to 650. What is the percent increase?
- A. 23%
 - B. 26%
 - C. 30%
 - D. 130%

- 10. The price of an item rises by 25%. By what percent must the new price decrease to return to the original price?**
- A. 20%
 - B. 25%
 - C. 30%
 - D. 75%
- 11. A survey reports that support rose from 40% to 50%. What is the relative percent increase in support?**
- A. 10%
 - B. 20%
 - C. 25%
 - D. 50%
- 12. A worker earns \$18 per hour and receives a 5% raise. What is the new hourly wage?**
- A. \$18.05
 - B. \$18.50
 - C. \$18.90
 - D. \$19.80