

Name: _____

Score: _____

Write True if the statement is correct and False if it is incorrect.

- _____ 1. Percentage is the part of the whole that is compared to 100.
_____ 2. Base is the whole amount or total that the percentage is taken from.
_____ 3. Rate is always written with a percent (%) sign.
_____ 4. The formula to find the percentage is: $\text{Percentage} = \text{Base} \times \text{Rate}$.
_____ 5. The formula to find the base is: $\text{Base} = \text{Percentage} \div \text{Rate}$.
_____ 6. The formula to find the rate is: $\text{Rate} = \text{Percentage} \times \text{Base}$.

Identify the Percentage, Base, and Rate from the given information. Then, solve for the unknown.

- 7-9. 15 is 25% of what number? $R = \underline{\hspace{2cm}}$ $B = \underline{\hspace{2cm}}$ $P = \underline{\hspace{2cm}}$
10-12. What is 80% of 60? $R = \underline{\hspace{2cm}}$ $B = \underline{\hspace{2cm}}$ $P = \underline{\hspace{2cm}}$
13-15. 80 is what percent of 160? $R = \underline{\hspace{2cm}}$ $B = \underline{\hspace{2cm}}$ $P = \underline{\hspace{2cm}}$

Read each statement carefully. Write the letter of the correct answer before the number.

- _____ 16. In a class of 40 students, 25% are boys. How many are boys?
A. 5 B. 8 C. 10 D. 12
_____ 17. A shirt costs ₱500 and is on sale for 10% off. How much is the discount?
A. ₱40 B. ₱45 C. ₱50 D. ₱55
_____ 18. A fruit vendor sold 60 mangoes, which is 75% of all her mangoes. How many mangoes did she have at first?
A. 70 B. 75 C. 80 D. 90
_____ 19. A student got 45 out of 50 in a test. What percent did the student get?
A. 80% B. 85% C. 90% D. 95%
_____ 20. A cellphone costs ₱12,000. If the price increases by 25%, what is the new price?
A. ₱13,000 B. ₱14,000 C. ₱15,000 D. ₱16,000
_____ 21. A bag originally costs ₱1,200. If it is sold at 20% discount, how much will you pay?
A. ₱900 B. ₱950 C. ₱960 D. ₱1,000
_____ 22. A book has 200 pages. If Ana has read 60% of it, how many pages has she finished?
A. 100 B. 110 C. 120 D. 130
_____ 23. In a survey of 80 students, 35% said their favorite subject is Math. How many students chose Math?
A. 24 B. 26 C. 28 D. 30