

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: Percentage = Base \times Rate.
- _____ 5. The formula to find the base is: Base = Percentage \div Rate.
- _____ 6. The formula to find the rate is: Rate = Percentage \times 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 = _____ B = _____ P = _____

10-12. What is 80% of 60? R = _____ B = _____ P = _____

13-15. 80 is what percent of 160? R = _____ B = _____ P = _____

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