

Fractions of Amounts Worksheet

Part A - Matching Game: Fractions of Amounts

Match each fraction of an amount to the correct answer. Draw a line or write the letter of the correct answer next to the question.

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| 1. $\frac{1}{2}$ of 16 | A. 20 |
| 2. $\frac{1}{4}$ of 28 | B. 14 |
| 3. $\frac{1}{3}$ of 30 | C. 28 |
| 4. $\frac{1}{5}$ of 50 | D. 5 |
| 5. $\frac{1}{6}$ of 60 | E. 25 |
| 6. $\frac{3}{4}$ of 32 | F. 35 |
| 7. $\frac{2}{5}$ of 40 | G. 15 |
| 8. $\frac{3}{5}$ of 25 | H. 10 |
| 9. $\frac{7}{8}$ of 56 | I. 7 |
| 10. $\frac{5}{8}$ of 40 | J. 8 |

Part B - Word Problems

11. Amina had 36 sweets. She gave $\frac{1}{3}$ of them to her friend. How many sweets did she give away?
12. There are 24 students in a class. $\frac{1}{2}$ of them are girls. How many girls are in the class?
13. A farmer harvested 72 yams. He sold $\frac{3}{4}$ of them at the market. How many yams did he sell?
14. Tunde read $\frac{2}{5}$ of a 90-page book. How many pages did he read?
15. Mary has N60. She spent $\frac{5}{6}$ of it. How much money did she spend?

Part C - Reasoning Questions

16. True or False? $\frac{1}{4}$ of 60 is the same as $\frac{1}{2}$ of 30. Show your working.

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17. A shopkeeper sold $\frac{3}{5}$ of his 50 oranges in the morning and the rest in the evening. How many oranges did he sell in the evening?
18. If $\frac{7}{8}$ of a number is 56, what is the whole number?
19. Aliyah says, ' $\frac{1}{3}$ of 90 is greater than $\frac{1}{2}$ of 60.' Is she correct? Explain your answer.
20. The school library has 120 books. If $\frac{2}{5}$ are fiction books, how many fiction books are there?