

MULTI-STEP WORD PROBLEMS (GRADE 6)

1. A shirt costs \$24.99 and pants cost \$39.50. How much for 2 shirts and 1 pair of pants?

2. A bus travels 245 miles in 5 hours. What's its average speed? _____ mph

3. You have $\frac{3}{4}$ pizza and eat $\frac{1}{3}$ of it. How much remains? _____

4. A rectangle has length 12cm and width 8cm. Find its area and perimeter.

Area: _____ cm^2 | Perimeter: _____ cm

5. 45% of 300 students are girls. How many boys? _____

6. A recipe for 4 needs:

- 2 cups flour

- 1.5 cups sugar

How much of each for 10 people?

Flour: _____ cups | Sugar: _____ cups

7. A box has 24 crayons. If $\frac{1}{6}$ are broken, how many are good? _____

8. A car uses 5.5 liters of gas per 100km. How much for a 350km trip? _____ liters

9. 3 friends share \$45.60 equally. How much each? _____

10. A TV was \$599, now 20% off. What's the sale price? _____

11. Find the missing number:

3, 7, 11, 15, _____, 23

12. Solve:

$$(15 - 3) \times 2 + 8 \div 4 = \underline{\hspace{2cm}}$$

13. A cube has 5cm sides. What's its volume? _____ cm^3

14. 2.5 hours = _____ minutes

15. $\frac{3}{8}$ of a number is 24. What's the number? _____

16. A map scale is 1:50,000. If 2cm on map, real distance? _____ km

17. A bag has 4 red, 5 blue, and 3 green marbles. Probability of drawing blue? _____

18. 45 students: $\frac{3}{5}$ prefer pizza. How many prefer pizza? _____

19. A phone plan charges \$15/month + \$0.10 per text. June had 87 texts. Total cost? _____

20. A triangle has 60° and 70° angles. What's the third angle? _____ $^\circ$