

Percentage Problems

$$\text{Decimal Percent} \times \text{Total} = \text{Part}$$

Change the percentage to a decimal.

1. 16% 2. 40% 3. 8% 4. 150% 5. 1.2%

Find the part.

6. 5% of 300 8. 15% of 460
7. 102% of 88 9. 351% of 150

Find the percentage.

10. 44 is what percent of 80? 12. 50 is what percent of 150?
11. 20 is what percent of 125? 13. 36 is what percent of 900?

Find the total.

14. 127 is 25% of what number? 16. 10 is 20% of what number?
15. 38 is 40% of what number? 17. 21 is 3% of what number?

18. If you missed 3 out of 12 problems on a quiz, what percent of the problems did you miss?

19. If you earned \$12,500 last year and saved \$2,400. What percent of your total earnings did you save?

20. 18 students went on a field trip. This was 60% of the class. How many people are in the class?

21. If you answered 20 questions on a test correctly and this was 80% of the questions on the test, how many questions were on the test?

22. Julie invested \$2,000 in a special account. The account is now worth 17% more. How much does she have in the account?

23. Jon wanted a book that cost \$15. He waited to buy it until it was on sale for 25% less. What was the sale price of the book?