

2-9 Practice

Form K

Percents

Find each percent.

1. What percent of 58 is 18?
2. What percent of 36 is 27?
3. What percent of 65 is 115?
4. What percent of 45 is 42?

Find each part.

5. What is 40% of 120?
6. What is 62% of 500?
7. What is 150% of 84?
8. What is 33% of 171?
9. A pair of pants that regularly costs \$55 are on sale for 35% of the regular price. What is the sale price of the pants?
10. A friend purchases items from a wholesale website and resells them on her own website. She typically marks up her merchandise 40%. If she purchased an item for \$15, what price should she set for the item?

Find each base.

11. 70% of what number is 63?
12. 55% of what number is 231?
13. 165% of what number is 132?
14. 8% of what number is 1.2?

[Type text]

15. \$13,000 is deposited into a savings account that earns simple interest at a rate of 6.5% per year. How much interest will the money have earned after 3 years?
16. Erma has \$175,000 in a retirement account that earns simple interest at a rate of 9% per year. How much interest will the money have earned after 25 years?
17. A family deposited \$8000 into an account six years ago. The account earned simple interest at a yearly rate. So far the total interest earned is \$1200. What is the rate for the account?

Tell whether you are finding a *percent*, a *part*, or a *base*. Then solve.

18. 112 is 20% of what number? 19. What is 126% of 50?
20. What percent of 88 is 36.96? 21. What percent of 22 is 33?
22. What is 268% of 150? 23. What is 50% of 1175?