

# 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?