Chapter 6 Review Part 2 Name _____ Per. ____

$\frac{IS}{OF} = \frac{\%}{100}$ $\frac{DIFFERENCE}{ORIGINAL} = \frac{\%}{100}$ $\frac{DISCOUNT}{ORIGINAL} = \frac{\%}{100}$ $\frac{MARKUP}{ORIGINAL} = \frac{\%}{100}$

Write a proportion. Then solve. Where necessary round to the nearest tenth.

1. What percent of 75 is 60?

2. What percent of 68 is 51?

3. Find 24% of 120.

4. Find 75 % of 76.

5. 13% of r is 209. What is r?

6. 68% of j is 44. What is j.

7. What percent of 144 is 126?

8. Find 260% of 30.

9. 9% of k is 27. What is k?

10. What percent of 51 is 65?

11. 75% of p is 12. What is p?

12. Find 17% of 85.

13. Find 38% of 32.

14. What percent is 17 of 25?

Find each percent of change. Tell whether the change is an increase or a decrease.

15. 40 to 45

16. 15 to 34

17. 60 to 15

18. 35 to 49

19. 99 to 69

20. 56 to 35

21. 140 to 77

22. 85 to 15

23. Find the sale price if the cost is $19 and the discount is 25%.

24. Find the selling price if the cost is $17 and the markup is 50%.

25. Find the sale price if the cost is $20 and the discount is 35%.

26. Find the selling price if the cost is $48 and the markup is 70%.

27. Find the sale price if the cost is $849 and the discount is 30%.

28. Find the selling price if the cost is $110 if the markup is 85%.