

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

**PRE-ALGEBRA  
CHAPTER 8-4 SOLVING PERCENT EQUATIONS**

**Solve.**

1. Find 8% of 752.
2. 64 is what percent of 512?
3. What number is 15% of \$80?
4. 110 is what percent of 50?
5. 92.5 is 25% of what number?
6. What percent of 2 is 8?
7.  $33\frac{1}{3}\%$  of what number is 30?
8. 7 is 10% of what number?
9. What number is  $87\frac{1}{2}\%$  of 8?
10. What percent of 120 is 15?
11. 32 is what percent of 24?
12. 125% of what number is 15?
13. \$10,000 is 110% of how many dollars?
14. What number is 19% of \$100?
15. 4 is what percent of 6?
16. 14 is 28% of what number?
17. Find 200% of 115.
18. What number is 108% of \$650?
19. 18 is 0.1% of what number?
20. What percent of 8 is 5?
21.  $87\frac{1}{2}\%$  of 64 is what number?
22. What number is  $37\frac{1}{2}\%$  of 120?
23. What percent 160 is 4?
24. \$50,000 is 40% of how many dollars?
25. Find 0.1% of 250.
26. 49.2 is 102.5% of what number?
27. 2 is what percent of 125?
28. What number is 40% of \$9?