

Name \_\_\_\_\_



Date \_\_\_\_\_

## Percent

Enter answers  
in text boxes.

**Write each percent as a fraction in simplest form.**

1. 80%	2. 10%	3. 64%
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**Write each percent as a decimal.**

4. 440%	5. 66%	6. 66.7%
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**Write each decimal as a percent.**

7. 9.9	8. 0.2370	9. 0.29
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**Write each fraction as a percent. Round to the nearest hundredth of a percent.**

10. $\frac{18}{25}$	11. $\frac{4}{5}$	12. $\frac{1}{2}$	13. $\frac{2}{5}$
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**Write each fraction as a percent. Round to the nearest hundredth of a percent.**

14. $\frac{15}{16}$	15. $\frac{21}{22}$	16. $\frac{9}{10}$	17. $\frac{4}{5}$
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**Complete. Numbers are rounded to the nearest hundredth of a percent.**

18. decimal 0.6 fraction _____	19. fraction $\frac{579}{100}$ percent _____	20. percent 70% decimal _____
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**Complete. Numbers are rounded to the nearest hundredth of a percent.**

21. fraction _____ decimal 0.88 percent _____	22. fraction $\frac{42}{5}$ decimal _____ percent 840%	23. fraction $\frac{7}{25}$ decimal _____ percent _____
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**Find the percent of each number.**

24. 6% of 17.6	25. 158% of 150	26. 176% of 15
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**Complete. Round your answer to the nearest tenth.**

27. What percent of 148 is 251.6?

28. 120 is 30% of what number?

**Find each percent of change. Round your answer to the nearest tenth of a percent.**

29. 10 is increased to 18

30. 32 is decreased to 19.52

**Fill in the missing value. Assume simple interest.**

31.           principal   \$32,744  
              interest rate   \_\_\_\_\_  
                  time   2 years  
          simple interest   \$1,964.64

32.           principal   \_\_\_\_\_  
              interest rate   4%  
                  time   5 years  
          simple interest   \$56,155.80

**Fill in the missing value. Assume simple interest.**

33.           principal   \$40,562  
              interest rate   \_\_\_\_\_  
                  time   51 months  
          simple interest   \$5,240.61

34.           principal   \$383,686  
              interest rate   1.07%  
                  time   \_\_\_\_\_  
          simple interest   \$18,474.48

**Complete.**

35. Let's say you have a molecule that is made entirely out of four different kinds of subunits called As, Ts, Cs, and Gs. In this molecule, the number of Cs equals the number of Gs and the number of Ts equals the number of As. If one of these molecules is analyzed and found to consist of 19% As, then what percent of the molecule is made up of Gs?

36. Julia donated eleven percent of the money she earned this summer to her local fire department. If she donated a total of \$120 how much did she earn this summer?