

ANSWER KEY

For #1 – 9, write each percent as a fraction or mixed number in simplest form.

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|---------------------------|--------------------------|---------------------------|
| 1. 21% = $\frac{21}{100}$ | 2. 30% = $\frac{3}{10}$ | 3. 7% = $\frac{7}{100}$ |
| 4. 12% = $\frac{3}{25}$ | 5. 50% = $\frac{1}{2}$ | 6. 7.5% = $\frac{3}{40}$ |
| 7. 110% = $1\frac{1}{10}$ | 8. 260% = $2\frac{3}{5}$ | 9. 0.2% = $\frac{1}{500}$ |

For #10 – 21, write each percent as decimal or whole number.

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|----------------------------------|------------------------------|--------------------------------|
| 10. 46% = <u>0.46</u> | 11. 80% = <u>0.8 or 0.80</u> | 12. 39.2% = <u>0.392</u> |
| 13. 0.71% = <u>0.0071</u> | 14. 0.8% = <u>0.008</u> | 15. 113% = <u>1.13</u> |
| 16. 2.5% = <u>0.025</u> | 17. 100% = <u>1 or 1.00</u> | 18. 53.4% = <u>0.534</u> |
| 19. 1680% = <u>16.8 or 16.80</u> | 20. 300% = <u>3 or 3.00</u> | 21. 2300% = <u>23 or 23.00</u> |

22. Madelina bakes 120 cookies, and she will donate 100% of the cookies for a school event. How many cookies will Madelina donate? 120 cookies

23. Michael and Chen set up a lemonade stand and will donate 75% of their sales to the local animal shelter. What fraction of their sales will be donated? (Write your answer in simplest form.) $\frac{3}{4}$

24. A US dollar is equal to 100 pennies with each penny worth one cent (\$0.01). If Veronica spends 90% of one dollar to purchase a bottle of water at the park, how much money did she spend? \$0.90 or 90 cents

25. A company spends 1.5% of its total costs on electricity. What fraction of the company's total costs does this represent? $\frac{3}{200}$

26. A shirt is on clearance, and the price has been discounted by 45%. Write this discount as a decimal. 0.45