

# Grade 8 Percents Mixed Review

Percents • Grade 8 • Mixed Review • Set C • CCSS 7.RP.3

Name: \_\_\_\_\_

Date: \_\_\_\_\_

*Solve each problem. Read carefully — the problems change shape as you go.*

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1. A value changes from 400 to 440. What is the percent increase?

\_\_\_\_\_

2. A \$106.00 item is 50% off. What is the sale price?

\_\_\_\_\_

3. 40% of 217 =

\_\_\_\_\_

4. Simple interest on \$2300 at 3% per year for 5 years =

\_\_\_\_\_

5. A value changes from 150 to 142.5. What is the percent decrease?

\_\_\_\_\_

6. A \$90.00 item is 20% off. What is the sale price?

\_\_\_\_\_

7. 87% of 451 =

\_\_\_\_\_

8. Simple interest on \$3700 at 10% per year for 4 years =

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9. A value changes from 100 to 105. What is the percent increase?

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10. A \$48.00 item is 30% off. What is the sale price?

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11. 86% of 108 =

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12. Simple interest on \$1400 at 2% per year for 2 years =

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13. A value changes from 60 to 105. What is the percent increase?

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14. A \$114.00 item is 30% off. What is the sale price?

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15. 75% of 727 =

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16. Simple interest on \$1000 at 2% per year for 1 year =

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17. A value changes from 400 to 500. What is the percent increase?

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18. A \$26.00 item is 15% off. What is the sale price?

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19. 86% of 704 =

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20. Simple interest on \$600 at 4% per year for 3 years =

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21. A value changes from 40 to 50. What is the percent increase?

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22. 50% tax is added to a \$81.00 bill. What is the total?

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23. 43% of 378 =

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24. Simple interest on \$1700 at 4% per year for 1 year =

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25. A value changes from 25 to 0. What is the percent decrease?

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26. 15% tax is added to a \$24.00 bill. What is the total?

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27. 28% of 396 =

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28. Simple interest on \$2600 at 3% per year for 3 years =

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29. A value changes from 250 to 200. What is the percent decrease?

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30. 15% tax is added to a \$50.00 bill. What is the total?

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## Answer Key

Grade 8 Percents Mixed Review — Set C

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|               |             |              |
|---------------|-------------|--------------|
| 1. 10%        | 11. 92.88   | 21. 25%      |
| 2. \$53.00    | 12. \$56.00 | 22. \$121.50 |
| 3. 86.8       | 13. 75%     | 23. 162.54   |
| 4. \$345.00   | 14. \$79.80 | 24. \$68.00  |
| 5. 5%         | 15. 545.25  | 25. 100%     |
| 6. \$72.00    | 16. \$20.00 | 26. \$27.60  |
| 7. 392.37     | 17. 25%     | 27. 110.88   |
| 8. \$1,480.00 | 18. \$22.10 | 28. \$234.00 |
| 9. 5%         | 19. 605.44  | 29. 20%      |
| 10. \$33.60   | 20. \$72.00 | 30. \$57.50  |