

# Grade 8 Ratios Worksheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

Solve each ratio problem. Write your answer on the line.

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- |  |  |  |  |
|--|--|--|--|
| 1. 7 items cost \$21. What is the cost per item?<br>_____                        | 2. You drove 80 miles in 6 hours. What is the rate in miles per hour?<br>_____   | 3. You drove 266 miles in 2 hours. What is the rate in miles per hour?<br>_____  | 4. 9 items cost \$27. What is the cost per item?<br>_____                        |
| 5. You drove 273 miles in 5 hours. What is the rate in miles per hour?<br>_____  | 6. 7 items cost \$35. What is the cost per item?<br>_____                        | 7. You drove 176 miles in 4 hours. What is the rate in miles per hour?<br>_____  | 8. You drove 113 miles in 2 hours. What is the rate in miles per hour?<br>_____  |
| 9. 8 items cost \$40. What is the cost per item?<br>_____                        | 10. You drove 293 miles in 5 hours. What is the rate in miles per hour?<br>_____ | 11. 8 items cost \$48. What is the cost per item?<br>_____                       | 12. You drove 119 miles in 2 hours. What is the rate in miles per hour?<br>_____ |
| 13. You drove 255 miles in 4 hours. What is the rate in miles per hour?<br>_____ | 14. 12 items cost \$24. What is the cost per item?<br>_____                      | 15. 7 items cost \$49. What is the cost per item?<br>_____                       | 16. 11 items cost \$55. What is the cost per item?<br>_____                      |
| 17. 8 items cost \$32. What is the cost per item?<br>_____                       | 18. You drove 117 miles in 6 hours. What is the rate in miles per hour?<br>_____ | 19. You drove 253 miles in 5 hours. What is the rate in miles per hour?<br>_____ | 20. 7 items cost \$42. What is the cost per item?<br>_____                       |

21. 5 items cost \$15. What is the cost per item?  
\_\_\_\_\_
22. You drove 199 miles in 4 hours. What is the rate in miles per hour?  
\_\_\_\_\_
23. 10 items cost \$80. What is the cost per item?  
\_\_\_\_\_
24. 10 items cost \$70. What is the cost per item?  
\_\_\_\_\_
25. 7 items cost \$56. What is the cost per item?  
\_\_\_\_\_
26. You drove 81 miles in 4 hours. What is the rate in miles per hour?  
\_\_\_\_\_
27. You drove 146 miles in 2 hours. What is the rate in miles per hour?  
\_\_\_\_\_
28. You drove 180 miles in 2 hours. What is the rate in miles per hour?  
\_\_\_\_\_
29. You drove 171 miles in 3 hours. What is the rate in miles per hour?  
\_\_\_\_\_
30. 3 items cost \$6. What is the cost per item?  
\_\_\_\_\_
31. You drove 272 miles in 5 hours. What is the rate in miles per hour?  
\_\_\_\_\_
32. 12 items cost \$60. What is the cost per item?  
\_\_\_\_\_
33. You drove 194 miles in 6 hours. What is the rate in miles per hour?  
\_\_\_\_\_
34. You drove 258 miles in 6 hours. What is the rate in miles per hour?  
\_\_\_\_\_
35. You drove 107 miles in 4 hours. What is the rate in miles per hour?  
\_\_\_\_\_
36. You drove 144 miles in 6 hours. What is the rate in miles per hour?  
\_\_\_\_\_
37. 9 items cost \$36. What is the cost per item?  
\_\_\_\_\_
38. You drove 274 miles in 6 hours. What is the rate in miles per hour?  
\_\_\_\_\_
39. You drove 137 miles in 6 hours. What is the rate in miles per hour?  
\_\_\_\_\_
40. 3 items cost \$12. What is the cost per item?  
\_\_\_\_\_

ANSWER KEY

# Grade 8 Ratios Worksheet

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- |  |   |   |   |
|--|---|---|---|
| 1. 7 items cost \$21.<br>What is the cost per item?<br><b>3</b>                            | 2. You drove 80 miles in 6 hours.<br>What is the rate in miles per hour?<br><b>13.333333333333334 133</b> | 3. You drove 266 miles in 2 hours.<br>What is the rate in miles per hour?<br><b>133</b>   | 4. 9 items cost \$27.<br>What is the cost per item?<br><b>3</b>                           |
| 5. You drove 273 miles in 5 hours.<br>What is the rate in miles per hour?<br><b>54.6</b>   | 6. 7 items cost \$35.<br>What is the cost per item?<br><b>5</b>   | 7. You drove 176 miles in 4 hours.<br>What is the rate in miles per hour?<br><b>44</b>    | 8. You drove 113 miles in 2 hours.<br>What is the rate in miles per hour?<br><b>56.5</b>  |
| 9. 8 items cost \$40.<br>What is the cost per item?<br><b>5</b>                            | 10. You drove 293 miles in 5 hours.<br>What is the rate in miles per hour?<br><b>58.6</b>                 | 11. 8 items cost \$48.<br>What is the cost per item?<br><b>6</b>                          | 12. You drove 119 miles in 2 hours.<br>What is the rate in miles per hour?<br><b>59.5</b> |
| 13. You drove 255 miles in 4 hours.<br>What is the rate in miles per hour?<br><b>63.75</b> | 14. 12 items cost \$24.<br>What is the cost per item?<br><b>2</b>   | 15. 7 items cost \$49.<br>What is the cost per item?<br><b>7</b>                          | 16. 11 items cost \$55.<br>What is the cost per item?<br><b>5</b>                         |
| 17. 8 items cost \$32.<br>What is the cost per item?<br><b>4</b>                           | 18. You drove 117 miles in 6 hours.<br>What is the rate in miles per hour?<br><b>19.5</b>                 | 19. You drove 253 miles in 5 hours.<br>What is the rate in miles per hour?<br><b>50.6</b> | 20. 7 items cost \$42.<br>What is the cost per item?<br><b>6</b>                          |
| 21.  | 22.   | 23.   | 24.   |

5 items cost \$15.  
What is the cost per item?

**3**

You drove 199 miles in 4 hours.  
What is the rate in miles per hour?

**49.75**

10 items cost \$80. What is the cost per item?

**8**

10 items cost \$70. What is the cost per item?

**7**

25. 7 items cost \$56. What is the cost per item?

**8**

26. You drove 81 miles in 4 hours. What is the rate in miles per hour?

**20.25**

27. You drove 146 miles in 2 hours. What is the rate in miles per hour?

**73**

28. You drove 180 miles in 2 hours. What is the rate in miles per hour?

**90**

29. You drove 171 miles in 3 hours. What is the rate in miles per hour?

**57**

30. 3 items cost \$6. What is the cost per item?

**2**

31. You drove 272 miles in 5 hours. What is the rate in miles per hour?

**54.4**

32. 12 items cost \$60. What is the cost per item?

**5**

33. You drove 194 miles in 6 hours. What is the rate in miles per hour?

**32.333333333333336 43**

34. You drove 258 miles in 6 hours. What is the rate in miles per hour?

35. You drove 107 miles in 4 hours. What is the rate in miles per hour?

**26.75**

36. You drove 144 miles in 6 hours. What is the rate in miles per hour?

**24**

37. 9 items cost \$36. What is the cost per item?

**4**

38. You drove 274 miles in 6 hours. What is the rate in miles per hour?

**45.666666666666664 22.833333333333332**

39. You drove 137 miles in 6 hours. What is the rate in miles per hour?

40. 3 items cost \$12. What is the cost per item?

**4**