

# Grade 7 Ratios Worksheet

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

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

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|---|---|---|---|
| 1. If the ratio is 3:3 and the second value is 12, what is the first value?<br>_____  | 2. If the ratio is 6:2 and the first value is 30, what is the second value?<br>_____  | 3. If the ratio is 2:2 and the second value is 4, what is the first value?<br>_____   | 4. If the ratio is 5:2 and the second value is 6, what is the first value?<br>_____   |
| 5. If the ratio is 2:3 and the first value is 4, what is the second value?<br>_____   | 6. If the ratio is 5:6 and the second value is 12, what is the first value?<br>_____  | 7. If the ratio is 2:6 and the second value is 30, what is the first value?<br>_____  | 8. If the ratio is 4:3 and the first value is 12, what is the second value?<br>_____  |
| 9. If the ratio is 2:2 and the first value is 6, what is the second value?<br>_____   | 10. If the ratio is 5:5 and the second value is 20, what is the first value?<br>_____ | 11. If the ratio is 5:3 and the second value is 15, what is the first value?<br>_____ | 12. If the ratio is 5:4 and the first value is 15, what is the second value?<br>_____ |
| 13. If the ratio is 6:4 and the second value is 8, what is the first value?<br>_____  | 14. If the ratio is 2:5 and the second value is 25, what is the first value?<br>_____ | 15. If the ratio is 5:2 and the second value is 4, what is the first value?<br>_____  | 16. If the ratio is 3:3 and the first value is 6, what is the second value?<br>_____  |
| 17. If the ratio is 4:3 and the first value is 8, what is the second value?<br>_____  | 18. If the ratio is 2:4 and the second value is 12, what is the first value?<br>_____ | 19. If the ratio is 5:2 and the first value is 20, what is the second value?<br>_____ | 20. If the ratio is 4:2 and the second value is 8, what is the first value?<br>_____  |
| 21. If the ratio is 6:6 and the first value is 12, what is the second value?<br>_____ | 22. If the ratio is 4:4 and the second value is 20, what is the first value?<br>_____ | 23. If the ratio is 6:5 and the second value is 25, what is the first value?<br>_____ | 24. If the ratio is 2:4 and the first value is 8, what is the second value?<br>_____  |

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25. If the ratio is 6:2 and the second value is 6, what is the first value?

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29. If the ratio is 4:3 and the second value is 12, what is the first value?

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33. If the ratio is 2:2 and the first value is 4, what is the second value?

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37. If the ratio is 4:2 and the second value is 10, what is the first value?

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26. If the ratio is 6:6 and the first value is 24, what is the second value?

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30. If the ratio is 6:5 and the second value is 15, what is the first value?

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34. If the ratio is 6:2 and the second value is 10, what is the first value?

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38. If the ratio is 6:3 and the second value is 12, what is the first value?

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27. If the ratio is 6:5 and the second value is 10, what is the first value?

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31. If the ratio is 4:6 and the first value is 8, what is the second value?

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35. If the ratio is 6:2 and the first value is 18, what is the second value?

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39. If the ratio is 6:4 and the second value is 16, what is the first value?

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28. If the ratio is 2:6 and the first value is 8, what is the second value?

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32. If the ratio is 2:4 and the first value is 6, what is the second value?

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36. If the ratio is 6:2 and the second value is 4, what is the first value?

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40. If the ratio is 3:2 and the first value is 9, what is the second value?

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ANSWER KEY

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1. If the ratio is 3:3 and the second value is 12, what is the first value?  
**12**
2. If the ratio is 6:2 and the first value is 30, what is the second value?  
**10**
3. If the ratio is 2:2 and the second value is 4, what is the first value?  
**4**
4. If the ratio is 5:2 and the second value is 6, what is the first value?  
**15**
5. If the ratio is 2:3 and the first value is 4, what is the second value?  
**6**
6. If the ratio is 5:6 and the second value is 12, what is the first value?  
**10**
7. If the ratio is 2:6 and the second value is 30, what is the first value?  
**10**
8. If the ratio is 4:3 and the first value is 12, what is the second value?  
**9**
9. If the ratio is 2:2 and the first value is 6, what is the second value?  
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10. If the ratio is 5:5 and the second value is 20, what is the first value?  
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17. If the ratio is 4:3 and the first value is 8, what is the second value?  
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23. If the ratio is 6:5 and the second value is 25, what is the first value?  
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24. If the ratio is 2:4 and the first value is 8, what is the second value?  
**16**
25. If the ratio is 6:2 and the second value is 6, what is the first value?  
**18**
26. If the ratio is 6:6 and the first value is 24, what is the second value?  
**24**
27. If the ratio is 6:5 and the second value is 10, what is the first value?  
**12**
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37. If the ratio is 4:2 and the second value is 10, what is the first value?  
**20**
38. If the ratio is 6:3 and the second value is 12, what is the first value?  
**24**
39. If the ratio is 6:4 and the second value is 16, what is the first value?  
**24**
40. If the ratio is 3:2 and the first value is 9, what is the second value?  
**6**