Grade 7 Ratios Worksheet

Name: _____ Date: _____ Score: _____

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

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

_____

2. If the ratio is 6:2 and the first value is 30, what is the second value?

_____

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

_____

4. If the ratio is 5:2 and the second value is 6, what is the first value?

_____

5. If the ratio is 2:3 and the first value is 4, what is the second value?

_____

6. If the ratio is 5:6 and the second value is 12, what is the first value?

_____

7. If the ratio is 2:6 and the second value is 30, what is the first value?

_____

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

_____

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

_____

10. If the ratio is 5:5 and the second value is 20, what is the first value?

_____

11. If the ratio is 5:3 and the second value is 15, what is the first value?

_____

12. If the ratio is 5:4 and the first value is 15, what is the second value?

_____

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

_____

14. If the ratio is 2:5 and the second value is 25, what is the first value?

_____

15. If the ratio is 5:2 and the second value is 4, what is the first value?

_____

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

_____

17. If the ratio is 4:3 and the first value is 8, what is the second value?

_____

18. If the ratio is 2:4 and the second value is 12, what is the first value?

_____

19. If the ratio is 5:2 and the first value is 20, what is the second value?

_____

20. If the ratio is 4:2 and the second value is 8, what is the first value?

_____

21. If the ratio is 6:6 and the first value is 12, what is

22. If the ratio is 4:4 and the second

23. If the ratio is 6:5 and the second

24. If the ratio is 2:4 and the first value is 8, what is

the second value?

_____

value is 20, what is the first value?

_____

value is 25, what is the first value?

_____

the second value?

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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

_____

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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11. If the ratio is 5:3 and the second value is 15, what is the first value?
    25
12. If the ratio is 5:4 and the first value is 15, what is the second value?
    12
13. If the ratio is 6:4 and the second value is 8, what is the first value?
    12
14. If the ratio is 2:5 and the second value is 25, what is the first value?
    10
15. If the ratio is 5:2 and the second value is 4, what is the first value?
    10
16. If the ratio is 3:3 and the first value is 6, what is the second value?
    6
17. If the ratio is 4:3 and the first value is 8, what is the second value?
    6
18. If the ratio is 2:4 and the second value is 12, what is the first value?
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19. If the ratio is 5:2 and the first value is 20, what is the second value?
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20. If the ratio is 4:2 and the second value is 8, what is the first value?
    16
21. If the ratio is 6:6 and the first value is 12, what is
22. If the ratio is 4:4 and the second value is 20, what is the first value?
23. If the ratio is 6:5 and the second value is 25, what is the first value?
24. If the ratio is 2:4 and the first value is 8, what is

the second value?

12

20

30

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

28. If the ratio is 2:6 and the first value is 8, what is the second 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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35. If the ratio is 6:2 and the first value is 18, what is the second value?

    6

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

    12

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