

Grade 6 Ratios & Proportions Mixed Review

Ratios & Proportions • Grade 6 • Mixed Review • Set C • CCSS 6.RP.3

Name: _____

Date: _____

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

1. A ratio table starts 3 : 4, then 6 : 8. Fill in the next row where the first number is 18.

2. Write the ratio 2:4 as a percent.

3. In a class of 11 students, 4 are boys. What is the ratio of boys to girls?

4. 120 pages in 6 days = ____ pages per day

5. 3:1 = ____:6

6. Simplify the ratio 15:25.

7. A ratio table starts 6 : 12, then 24 : 48. Fill in the next row where the first number is 30.

8. Write the ratio 3:5 as a percent.

9. In a class of 12 students, 5 are boys. What is the ratio of boys to girls?

10. 132 pages in 4 days = ____ pages per day

11. 6:9 = ____:45

12. Simplify the ratio 30:36.

13. A ratio table starts 6 : 4, then 24 : 16. Fill in the next row where the first number is 42.

14. Write the ratio 9:20 as a percent.

15. In a class of 17 students, 8 are boys. What is the ratio of boys to girls?

16. 348 miles in 6 hours = ____ miles per hour

17. $2:3 = 6: \underline{\hspace{2cm}}$

18. Simplify the ratio 8:18.

19. A ratio table starts 2 : 7, then 8 : 28. Fill in the next row where the first number is 12.

20. Write the ratio 7:50 as a percent.

21. In a class of 7 students, 4 are boys. What is the ratio of boys to girls?

22. 88 pages in 4 days = pages per day

23. $7:5 = \underline{\hspace{2cm}}:10$

24. Simplify the ratio 45:63.

25. A ratio table starts 6 : 9, then 12 : 18. Fill in the next row where the first number is 30.

26. Write the ratio 42:50 as a percent.

27. In a class of 7 students, 3 are boys. What is the ratio of boys to girls?

28. \$40.00 for 2 items = \$____ per item

29. 5:9 = ____:45

30. Simplify the ratio 25:45.

Answer Key

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1. 18 : 24	11. 30	21. 4:3
2. 50%	12. 5:6	22. 22
3. 4:7	13. 42 : 28	23. 14
4. 20	14. 45%	24. 5:7
5. 18	15. 8:9	25. 30 : 45
6. 3:5	16. 58	26. 84%
7. 30 : 60	17. 9	27. 3:4
8. 60%	18. 4:9	28. 20.00
9. 5:7	19. 12 : 42	29. 25
10. 33	20. 14%	30. 5:9