

Grade 6 Ratios & Proportions Drill

Ratios & Proportions • Grade 6 • Drill • Set A • CCSS 6.RP.3

Name: _____

Date: _____

Solve each problem. Show your work in the space provided.

1. $9:9 = 72:\underline{\hspace{1cm}}$

2. Simplify the ratio 16:8.

3. $7:3 = \underline{\hspace{1cm}}:21$

4. Simplify the ratio 12:18.

5. $9:6 = \underline{\hspace{1cm}}:24$

6. Simplify the ratio 48:18.

7. $6:2 = \underline{\hspace{1cm}}:8$

8. Simplify the ratio 8:32.

9. $5:1 = \underline{\hspace{1cm}}:4$

10. Simplify the ratio 18:4.

11. $9:9 = \underline{\hspace{1cm}}:18$

12. Simplify the ratio 36:27.

13. $5:6 = 35:\underline{\hspace{1cm}}$

14. Simplify the ratio 14:35.

15. $8:2 = 24:\underline{\hspace{1cm}}$

16. Simplify the ratio 63:56.

17. $3:7 = \underline{\hspace{1cm}}:21$

18. Simplify the ratio 40:5.

19. $9:5 = \underline{\hspace{1cm}}:30$

20. Simplify the ratio 40:35.

21. $6:4 = 12:\underline{\hspace{1cm}}$

22. Simplify the ratio 24:15.

23. $8:4 = \underline{\hspace{1cm}}:16$

24. Simplify the ratio 27:63.

25. $3:4 = 6:\underline{\hspace{1cm}}$

26. Simplify the ratio 24:16.

27. $4:8 = 12:\underline{\hspace{1cm}}$

28. Simplify the ratio 40:48.

29. $4:4 = 32:\underline{\hspace{1cm}}$

30. Simplify the ratio 30:10.

Answer Key

Grade 6 Ratios & Proportions Drill — Set A

1. 72	11. 18	21. 8
2. 2:1	12. 4:3	22. 8:5
3. 49	13. 42	23. 32
4. 2:3	14. 2:5	24. 3:7
5. 36	15. 6	25. 8
6. 8:3	16. 9:8	26. 3:2
7. 24	17. 9	27. 24
8. 1:4	18. 8:1	28. 5:6
9. 20	19. 54	29. 32
10. 9:2	20. 8:7	30. 3:1