

Grade 6 Ratios & Proportions Drill

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

Name: _____

Date: _____

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

1. $3:1 = 18:\underline{\hspace{1cm}}$

2. Simplify the ratio $81:9$.

3. $7:7 = \underline{\hspace{1cm}}:56$

4. Simplify the ratio $56:32$.

5. $4:7 = 16:\underline{\hspace{1cm}}$

6. Simplify the ratio $54:63$.

7. $6:8 = \underline{\hspace{1cm}}:32$

8. Simplify the ratio $8:72$.

9. $6:8 = \underline{\hspace{1cm}}:16$

10. Simplify the ratio $3:18$.

11. $7:5 = \underline{\hspace{1cm}}:40$

12. Simplify the ratio $35:15$.

13. $4:2 = \underline{\hspace{1cm}}:4$

14. Simplify the ratio $12:36$.

15. $8:5 = \underline{\hspace{1cm}}:20$

16. Simplify the ratio $21:27$.

17. $4:9 = 8:\underline{\hspace{1cm}}$

18. Simplify the ratio $42:12$.

19. $3:4 = \underline{\hspace{1cm}}:12$

20. Simplify the ratio $16:2$.

21. $4:7 = \underline{\hspace{1cm}}:35$

22. Simplify the ratio $56:28$.

23. $3:3 = \underline{\hspace{1cm}}:15$

24. Simplify the ratio $18:42$.

25. $2:4 = 14:\underline{\hspace{1cm}}$

26. Simplify the ratio $27:9$.

27. $1:3 = \underline{\hspace{1cm}}:15$

28. Simplify the ratio $4:16$.

29. $1:7 = \underline{\hspace{1cm}}:35$

30. Simplify the ratio $72:36$.

Answer Key

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1. 6	11. 56	21. 20
2. 9:1	12. 7:3	22. 2:1
3. 56	13. 8	23. 15
4. 7:4	14. 1:3	24. 3:7
5. 28	15. 32	25. 28
6. 6:7	16. 7:9	26. 3:1
7. 24	17. 18	27. 5
8. 1:9	18. 7:2	28. 1:4
9. 12	19. 9	29. 5
10. 1:6	20. 8:1	30. 2:1