

Grade 6 Ratios & Proportions Drill

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

Name: _____

Date: _____

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

1. $3:8 = \underline{\hspace{1cm}}:40$

2. Simplify the ratio $15:5$.

3. $2:9 = \underline{\hspace{1cm}}:54$

4. Simplify the ratio $18:48$.

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

6. Simplify the ratio $24:4$.

7. $8:3 = \underline{\hspace{1cm}}:15$

8. Simplify the ratio $36:27$.

9. $8:8 = \underline{\hspace{1cm}}:64$

10. Simplify the ratio $42:18$.

11. $6:5 = 36:\underline{\hspace{1cm}}$

12. Simplify the ratio $63:27$.

13. $2:5 = \underline{\hspace{1cm}}:15$

14. Simplify the ratio $9:18$.

15. $6:9 = 42:\underline{\hspace{1cm}}$

16. Simplify the ratio $27:3$.

17. $4:3 = 16:\underline{\hspace{1cm}}$

18. Simplify the ratio $28:35$.

19. $3:5 = 6:\underline{\hspace{1cm}}$

20. Simplify the ratio $8:56$.

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

22. Simplify the ratio $81:27$.

23. $7:4 = \underline{\hspace{1cm}}:12$

24. Simplify the ratio $45:81$.

25. $3:4 = \underline{\hspace{1cm}}:24$

26. Simplify the ratio $56:16$.

27. $3:5 = \underline{\hspace{1cm}}:35$

28. Simplify the ratio $15:25$.

29. $6:4 = 42:\underline{\hspace{1cm}}$

30. Simplify the ratio $8:18$.

Answer Key

Grade 6 Ratios & Proportions Drill — Set C

1. 15	11. 30	21. 7
2. 3:1	12. 7:3	22. 3:1
3. 12	13. 6	23. 21
4. 3:8	14. 1:2	24. 5:9
5. 24	15. 63	25. 18
6. 6:1	16. 9:1	26. 7:2
7. 40	17. 12	27. 21
8. 4:3	18. 4:5	28. 3:5
9. 64	19. 10	29. 28
10. 7:3	20. 1:7	30. 4:9