

# Grade 6 Ratios & Proportions Timed Drill

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

Name: \_\_\_\_\_

Date: \_\_\_\_\_

*Start the timer, then solve as many problems as you can. Write your time in the box when you finish.*

|                    |                           |                   |
|--------------------|---------------------------|-------------------|
| <b>TIMED DRILL</b> | Time: _____ min _____ sec | Score: _____ / 60 |
|--------------------|---------------------------|-------------------|

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

2. Simplify the ratio 27:45.

3. 330 miles in 10 hours =  
\_\_\_\_\_ miles per hour

4. Write the ratio 1:20 as a percent.

5.  $8:6 = 24: \underline{\hspace{1cm}}$

6. Simplify the ratio 12:8.

7. 77 miles in 11 hours = \_\_\_\_\_  
miles per hour

8. Write the ratio 3:4 as a percent.

9.  $7:1 = 35: \underline{\hspace{1cm}}$

10. Simplify the ratio 14:21.

11. 240 pages in 8 days =  
\_\_\_\_\_ pages per day

12. Write the ratio 8:10 as a percent.

13.  $9:4 = 18: \underline{\hspace{1cm}}$

14. Simplify the ratio 32:56.

15. 600 pages in 10 days =  
\_\_\_\_\_ pages per day

16. Write the ratio 29:50 as a percent.

17.  $9:7 = 18: \underline{\hspace{1cm}}$

18. Simplify the ratio 48:56.

19. 552 pages in 12 days =  
\_\_\_\_\_ pages per day

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

21.  $2:8 = \underline{\hspace{1cm}}:48$

22. Simplify the ratio 6:8.
23. \$117.00 for 9 items = \$\_\_\_\_ per item
24. Write the ratio 19:25 as a percent.
25.  $3:2 = 9: \underline{\hspace{1cm}}$
26. Simplify the ratio 24:15.
27. 432 miles in 8 hours = \_\_\_\_ miles per hour
28. Write the ratio 11:25 as a percent.
29.  $8:9 = 40: \underline{\hspace{1cm}}$
30. Simplify the ratio 32:40.
31. 308 pages in 7 days = \_\_\_\_ pages per day
32. Write the ratio 4:5 as a percent.
33.  $1:8 = 8: \underline{\hspace{1cm}}$
34. Simplify the ratio 10:15.
35. 336 pages in 8 days = \_\_\_\_ pages per day
36. Write the ratio 14:50 as a percent.
37.  $5:8 = 10: \underline{\hspace{1cm}}$
38. Simplify the ratio 16:56.
39. 504 pages in 12 days = \_\_\_\_ pages per day
40. Write the ratio 7:10 as a percent.
41.  $3:8 = 24: \underline{\hspace{1cm}}$
42. Simplify the ratio 42:28.
43. \$54.00 for 9 items = \$\_\_\_\_ per item
44. Write the ratio 11:50 as a percent.
45.  $6:8 = 30: \underline{\hspace{1cm}}$
46. Simplify the ratio 18:27.
47. \$288.00 for 8 items = \$\_\_\_\_ per item
48. Write the ratio 5:10 as a percent.

49.  $1:2 = 7:\underline{\hspace{1cm}}$

50. Simplify the ratio 6:15.

51. 258 pages in 6 days =  
 $\underline{\hspace{1cm}}$  pages per day

52. Write the ratio 24:50 as a percent.

53.  $9:9 = 45:\underline{\hspace{1cm}}$

54. Simplify the ratio 72:32.

55. 225 miles in 9 hours =  
 $\underline{\hspace{1cm}}$  miles per hour

56. Write the ratio 9:25 as a percent.

57.  $3:3 = \underline{\hspace{1cm}}:18$

58. Simplify the ratio 4:18.

59. 111 pages in 3 days =  
 $\underline{\hspace{1cm}}$  pages per day

60. Write the ratio 1:10 as a percent.

# Answer Key

## Grade 6 Ratios & Proportions Timed Drill — Set C

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|         |           |           |
|---------|-----------|-----------|
| 1. 72   | 21. 12    | 41. 64    |
| 2. 3:5  | 22. 3:4   | 42. 3:2   |
| 3. 33   | 23. 13.00 | 43. 6.00  |
| 4. 5%   | 24. 76%   | 44. 22%   |
| 5. 18   | 25. 6     | 45. 40    |
| 6. 3:2  | 26. 8:5   | 46. 2:3   |
| 7. 7    | 27. 54    | 47. 36.00 |
| 8. 75%  | 28. 44%   | 48. 50%   |
| 9. 5    | 29. 45    | 49. 14    |
| 10. 2:3 | 30. 4:5   | 50. 2:5   |
| 11. 30  | 31. 44    | 51. 43    |
| 12. 80% | 32. 80%   | 52. 48%   |
| 13. 8   | 33. 64    | 53. 45    |
| 14. 4:7 | 34. 2:3   | 54. 9:4   |
| 15. 60  | 35. 42    | 55. 25    |
| 16. 58% | 36. 28%   | 56. 36%   |
| 17. 14  | 37. 16    | 57. 18    |
| 18. 6:7 | 38. 2:7   | 58. 2:9   |
| 19. 46  | 39. 42    | 59. 37    |
| 20. 60% | 40. 70%   | 60. 10%   |