

# Grade 6 Ratios & Proportions Timed Drill

Ratios &amp; Proportions • Grade 6 • Timed Drill • Set A • 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.  $2:7 = 14:\underline{\hspace{1cm}}$

2. Simplify the ratio 12:27.

3. \$360.00 for 12 items =  
\$\_\_\_\_\_ per item

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

5.  $2:9 = \underline{\hspace{1cm}}:63$

6. Simplify the ratio 54:12.

7. 280 miles in 5 hours = \_\_\_\_\_  
miles per hour

8. Write the ratio 17:20 as a  
percent.

9.  $4:7 = 32:\underline{\hspace{1cm}}$

10. Simplify the ratio 18:21.

11. 432 miles in 8 hours =  
\_\_\_\_\_ miles per hour

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

13.  $1:6 = \underline{\hspace{1cm}}:36$

14. Simplify the ratio 36:42.

15. \$420.00 for 7 items =  
\$\_\_\_\_\_ per item

16. Write the ratio 1:5 as a  
percent.

17.  $2:4 = \underline{\hspace{1cm}}:24$

18. Simplify the ratio 48:32.

19. 130 pages in 10 days =  
\_\_\_\_\_ pages per day

20. Write the ratio 14:25 as a  
percent.

21.  $6:8 = 18:\underline{\hspace{1cm}}$

22. Simplify the ratio 32:12.
23. 252 pages in 6 days = \_\_\_\_ pages per day
24. Write the ratio 12:25 as a percent.
25.  $7:3 = 56: \underline{\hspace{1cm}}$
26. Simplify the ratio 12:14.
27. 230 miles in 5 hours = \_\_\_\_ miles per hour
28. Write the ratio 19:20 as a percent.
29.  $2:2 = \underline{\hspace{1cm}}:12$
30. Simplify the ratio 10:45.
31. 351 miles in 9 hours = \_\_\_\_ miles per hour
32. Write the ratio 3:25 as a percent.
33.  $4:9 = \underline{\hspace{1cm}}:18$
34. Simplify the ratio 14:35.
35. \$48.00 for 6 items = \$\_\_\_\_ per item
36. Write the ratio 4:10 as a percent.
37.  $9:6 = 63: \underline{\hspace{1cm}}$
38. Simplify the ratio 28:42.
39. \$24.00 for 6 items = \$\_\_\_\_ per item
40. Write the ratio 7:10 as a percent.
41.  $1:6 = 5: \underline{\hspace{1cm}}$
42. Simplify the ratio 7:14.
43. \$220.00 for 10 items = \$\_\_\_\_ per item
44. Write the ratio 16:25 as a percent.
45.  $7:1 = 49: \underline{\hspace{1cm}}$
46. Simplify the ratio 9:72.
47. \$320.00 for 8 items = \$\_\_\_\_ per item
48. Write the ratio 11:25 as a percent.

49.  $2:4 = \underline{\hspace{1cm}}:32$

50. Simplify the ratio  $30:5$ .

51. \$175.00 for 5 items =  
\$ $\underline{\hspace{1cm}}$  per item

52. Write the ratio  $49:50$  as a  
percent.

53.  $7:6 = 35:\underline{\hspace{1cm}}$

54. Simplify the ratio  $21:9$ .

55. 200 miles in 4 hours =  
 $\underline{\hspace{1cm}}$  miles per hour

56. Write the ratio  $10:20$  as a  
percent.

57.  $9:9 = \underline{\hspace{1cm}}:27$

58. Simplify the ratio  $21:49$ .

59. 15 pages in 5 days =  $\underline{\hspace{1cm}}$   
pages per day

60. Write the ratio  $2:5$  as a  
percent.

# Answer Key

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

---

|           |          |           |
|-----------|----------|-----------|
| 1. 49     | 21. 24   | 41. 30    |
| 2. 4:9    | 22. 8:3  | 42. 1:2   |
| 3. 30.00  | 23. 42   | 43. 22.00 |
| 4. 75%    | 24. 48%  | 44. 64%   |
| 5. 14     | 25. 24   | 45. 7     |
| 6. 9:2    | 26. 6:7  | 46. 1:8   |
| 7. 56     | 27. 46   | 47. 40.00 |
| 8. 85%    | 28. 95%  | 48. 44%   |
| 9. 56     | 29. 12   | 49. 16    |
| 10. 6:7   | 30. 2:9  | 50. 6:1   |
| 11. 54    | 31. 39   | 51. 35.00 |
| 12. 25%   | 32. 12%  | 52. 98%   |
| 13. 6     | 33. 8    | 53. 30    |
| 14. 6:7   | 34. 2:5  | 54. 7:3   |
| 15. 60.00 | 35. 8.00 | 55. 50    |
| 16. 20%   | 36. 40%  | 56. 50%   |
| 17. 12    | 37. 42   | 57. 27    |
| 18. 3:2   | 38. 2:3  | 58. 3:7   |
| 19. 13    | 39. 4.00 | 59. 3     |
| 20. 56%   | 40. 70%  | 60. 40%   |