

Grade 6 Ratios & Proportions Timed Drill

Ratios & Proportions • Grade 6 • Timed Drill • Set B • 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.

TIMED DRILL	Time: _____ min _____ sec	Score: _____ / 60
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1. $4:7 = 28:\underline{\hspace{1cm}}$
2. Simplify the ratio 18:2.
3. 44 pages in 11 days = _____ pages per day
4. Write the ratio 5:10 as a percent.
5. $8:5 = 24:\underline{\hspace{1cm}}$
6. Simplify the ratio 18:10.
7. 4 pages in 2 days = _____ pages per day
8. Write the ratio 3:4 as a percent.
9. $8:1 = \underline{\hspace{1cm}}:3$
10. Simplify the ratio 24:20.
11. 330 miles in 10 hours = _____ miles per hour
12. Write the ratio 15:20 as a percent.
13. $2:3 = 4:\underline{\hspace{1cm}}$
14. Simplify the ratio 49:14.
15. 240 miles in 10 hours = _____ miles per hour
16. Write the ratio 3:25 as a percent.
17. $4:1 = \underline{\hspace{1cm}}:8$
18. Simplify the ratio 8:16.
19. 24 pages in 3 days = _____ pages per day
20. Write the ratio 9:10 as a percent.
21. $6:9 = \underline{\hspace{1cm}}:63$

22. Simplify the ratio 40:35.
23. 42 pages in 3 days = ____ pages per day
24. Write the ratio 4:25 as a percent.
25. $9:1 = 27: \underline{\hspace{1cm}}$
26. Simplify the ratio 28:7.
27. 168 pages in 8 days = ____ pages per day
28. Write the ratio 2:20 as a percent.
29. $5:1 = \underline{\hspace{1cm}}:6$
30. Simplify the ratio 63:14.
31. 708 pages in 12 days = ____ pages per day
32. Write the ratio 3:5 as a percent.
33. $3:1 = \underline{\hspace{1cm}}:5$
34. Simplify the ratio 18:42.
35. 343 miles in 7 hours = ____ miles per hour
36. Write the ratio 3:20 as a percent.
37. $9:6 = 18: \underline{\hspace{1cm}}$
38. Simplify the ratio 30:24.
39. \$32.00 for 8 items = \$____ per item
40. Write the ratio 1:10 as a percent.
41. $1:6 = 4: \underline{\hspace{1cm}}$
42. Simplify the ratio 56:8.
43. 684 pages in 12 days = ____ pages per day
44. Write the ratio 1:20 as a percent.
45. $7:9 = 14: \underline{\hspace{1cm}}$
46. Simplify the ratio 45:63.
47. 90 pages in 3 days = ____ pages per day
48. Write the ratio 14:25 as a percent.

49. $5:3 = \underline{\hspace{1cm}}:6$

50. Simplify the ratio $20:4$.

51. \$36.00 for 2 items =
\$ per item

52. Write the ratio $1:4$ as a percent.

53. $5:2 = \underline{\hspace{1cm}}:16$

54. Simplify the ratio $54:24$.

55. 102 pages in 6 days =
 pages per day

56. Write the ratio $17:50$ as a percent.

57. $7:9 = 28:\underline{\hspace{1cm}}$

58. Simplify the ratio $12:2$.

59. \$144.00 for 8 items =
\$ per item

60. Write the ratio $3:10$ as a percent.

Answer Key

Grade 6 Ratios & Proportions Timed Drill — Set B

1. 49	21. 42	41. 24
2. 9:1	22. 8:7	42. 7:1
3. 4	23. 14	43. 57
4. 50%	24. 16%	44. 5%
5. 15	25. 3	45. 18
6. 9:5	26. 4:1	46. 5:7
7. 2	27. 21	47. 30
8. 75%	28. 10%	48. 56%
9. 24	29. 30	49. 10
10. 6:5	30. 9:2	50. 5:1
11. 33	31. 59	51. 18.00
12. 75%	32. 60%	52. 25%
13. 6	33. 15	53. 40
14. 7:2	34. 3:7	54. 9:4
15. 24	35. 49	55. 17
16. 12%	36. 15%	56. 34%
17. 32	37. 12	57. 36
18. 1:2	38. 5:4	58. 6:1
19. 8	39. 4.00	59. 18.00
20. 90%	40. 10%	60. 30%