

Grade 7 Ratios & Proportions Timed Drill

Ratios & Proportions • Grade 7 • Timed Drill • Set A • CCSS 7.RP.1

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. 56 pages in 4 days = _____ pages per day 2. $3:3 = 6: \underline{\hspace{1cm}}$ 3. Simplify the ratio 24:42.

4. 88 pages in 8 days = _____ pages per day 5. $6:7 = 24: \underline{\hspace{1cm}}$ 6. Simplify the ratio 24:18.

7. 102 miles in 6 hours = _____ miles per hour 8. $2:7 = \underline{\hspace{1cm}}:28$ 9. Simplify the ratio 14:21.

10. \$220.00 for 4 items = \$_____ per item 11. $5:4 = 15: \underline{\hspace{1cm}}$ 12. Simplify the ratio 56:42.

13. \$60.00 for 12 items = \$_____ per item 14. $6:5 = 24: \underline{\hspace{1cm}}$ 15. Simplify the ratio 12:14.

16. 459 pages in 9 days = _____ pages per day 17. $8:9 = 64: \underline{\hspace{1cm}}$ 18. Simplify the ratio 28:56.

19. \$112.00 for 7 items = \$_____ per item 20. $3:1 = \underline{\hspace{1cm}}:3$ 21. Simplify the ratio 18:72.

22. 636 miles in 12 hours =
____ miles per hour

23. $1:3 = \text{____}:24$

24. Simplify the ratio 25:40.

25. 374 pages in 11 days =
____ pages per day

26. $6:6 = 12:\text{____}$

27. Simplify the ratio 45:5.

28. 88 miles in 4 hours = ____
miles per hour

29. $7:5 = \text{____}:30$

30. Simplify the ratio 81:9.

31. 369 pages in 9 days =
____ pages per day

32. $7:4 = 49:\text{____}$

33. Simplify the ratio 16:32.

34. \$27.00 for 3 items =
\$____ per item

35. $5:9 = 10:\text{____}$

36. Simplify the ratio 8:4.

37. \$48.00 for 6 items =
\$____ per item

38. $7:5 = \text{____}:35$

39. Simplify the ratio 42:18.

40. 304 pages in 8 days =
____ pages per day

41. $5:3 = \text{____}:12$

42. Simplify the ratio 36:42.

43. 564 miles in 12 hours =
____ miles per hour

44. $9:2 = 72:\text{____}$

45. Simplify the ratio 9:27.

46. 114 pages in 3 days =
____ pages per day

47. $1:6 = \text{____}:24$

48. Simplify the ratio 54:48.

49. \$28.00 for 7 items =
\$___ per item

50. $9:7 = \underline{\hspace{1cm}}:42$

51. Simplify the ratio 10:15.

52. 245 pages in 5 days =
___ pages per day

53. $1:9 = \underline{\hspace{1cm}}:36$

54. Simplify the ratio 30:36.

55. 280 miles in 10 hours =
___ miles per hour

56. $6:8 = \underline{\hspace{1cm}}:40$

57. Simplify the ratio 36:40.

58. 144 pages in 4 days =
___ pages per day

59. $6:2 = 48:\underline{\hspace{1cm}}$

60. Simplify the ratio 63:28.

Answer Key

Grade 7 Ratios & Proportions Timed Drill — Set A

1. 14	21. 1:4	41. 20
2. 6	22. 53	42. 6:7
3. 4:7	23. 8	43. 47
4. 11	24. 5:8	44. 16
5. 28	25. 34	45. 1:3
6. 4:3	26. 12	46. 38
7. 17	27. 9:1	47. 4
8. 8	28. 22	48. 9:8
9. 2:3	29. 42	49. 4.00
10. 55.00	30. 9:1	50. 54
11. 12	31. 41	51. 2:3
12. 4:3	32. 28	52. 49
13. 5.00	33. 1:2	53. 4
14. 20	34. 9.00	54. 5:6
15. 6:7	35. 18	55. 28
16. 51	36. 2:1	56. 30
17. 72	37. 8.00	57. 9:10
18. 1:2	38. 49	58. 36
19. 16.00	39. 7:3	59. 16
20. 9	40. 38	60. 9:4