

Grade 7 Ratios & Proportions Timed Drill

Ratios & Proportions • Grade 7 • Timed Drill • Set B • 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. 161 miles in 7 hours = _____ miles per hour

2. $8:7 = ___:42$

3. Simplify the ratio 6:18.

4. \$40.00 for 8 items = \$_____ per item

5. $9:6 = 36:___$

6. Simplify the ratio 14:10.

7. 520 pages in 10 days = _____ pages per day

8. $6:8 = ___:48$

9. Simplify the ratio 12:24.

10. \$495.00 for 9 items = \$_____ per item

11. $1:3 = ___:6$

12. Simplify the ratio 81:63.

13. \$432.00 for 9 items = \$_____ per item

14. $4:1 = ___:2$

15. Simplify the ratio 42:49.

16. 190 pages in 10 days = _____ pages per day

17. $5:6 = 40:___$

18. Simplify the ratio 9:27.

19. 36 miles in 2 hours = _____ miles per hour

20. $5:9 = ___:18$

21. Simplify the ratio 10:45.

22. \$120.00 for 12 items =
\$___ per item

23. 7:9 = 21:___

24. Simplify the ratio 8:16.

25. 106 miles in 2 hours =
___ miles per hour

26. 9:3 = ___:12

27. Simplify the ratio 72:81.

28. 225 pages in 9 days =
___ pages per day

29. 1:4 = ___:24

30. Simplify the ratio 7:42.

31. 62 pages in 2 days = ___
pages per day

32. 9:8 = ___:56

33. Simplify the ratio 8:36.

34. 504 pages in 12 days =
___ pages per day

35. 1:3 = 6:___

36. Simplify the ratio 21:9.

37. 205 miles in 5 hours =
___ miles per hour

38. 4:6 = ___:48

39. Simplify the ratio 40:45.

40. 276 miles in 12 hours =
___ miles per hour

41. 9:3 = ___:21

42. Simplify the ratio 18:36.

43. 464 pages in 8 days =
___ pages per day

44. 9:9 = ___:54

45. Simplify the ratio 18:14.

46. 120 miles in 4 hours =
___ miles per hour

47. 5:7 = 10:___

48. Simplify the ratio 42:6.

49. \$96.00 for 2 items =
\$___ per item

50. $3:9 = ___:54$

51. Simplify the ratio 12:27.

52. \$204.00 for 6 items =
\$___ per item

53. $2:1 = ___:7$

54. Simplify the ratio 63:14.

55. \$540.00 for 10 items =
\$___ per item

56. $9:1 = 54:___$

57. Simplify the ratio 32:64.

58. \$102.00 for 6 items =
\$___ per item

59. $2:2 = ___:4$

60. Simplify the ratio 21:24.

Answer Key

Grade 7 Ratios & Proportions Timed Drill — Set B

1. 23	21. 2:9	41. 63
2. 48	22. 10.00	42. 1:2
3. 1:3	23. 27	43. 58
4. 5.00	24. 1:2	44. 54
5. 24	25. 53	45. 9:7
6. 7:5	26. 36	46. 30
7. 52	27. 8:9	47. 14
8. 36	28. 25	48. 7:1
9. 1:2	29. 6	49. 48.00
10. 55.00	30. 1:6	50. 18
11. 2	31. 31	51. 4:9
12. 9:7	32. 63	52. 34.00
13. 48.00	33. 2:9	53. 14
14. 8	34. 42	54. 9:2
15. 6:7	35. 18	55. 54.00
16. 19	36. 7:3	56. 6
17. 48	37. 41	57. 1:2
18. 1:3	38. 32	58. 17.00
19. 18	39. 8:9	59. 4
20. 10	40. 23	60. 7:8