

Grade 8 Ratios & Proportions Timed Drill

Ratios & Proportions • Grade 8 • Timed Drill • Set A • CCSS 7.RP.2

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. Solve: $10/4 = 80/x$

2. 189 pages in 9 days = _____
pages per day

3. $5:1 = ___:5$

4. Solve: $9/1 = x/6$

5. \$364.00 for 7 items =
\$_____ per item

6. $5:6 = ___:30$

7. Solve: $1/9 = x/81$

8. 60 miles in 4 hours = _____
miles per hour

9. $6:6 = 48:___$

10. Solve: $5/x = 25/25$

11. \$98.00 for 7 items =
\$_____ per item

12. $7:3 = 35:___$

13. Solve: $x/8 = 21/24$

14. 448 pages in 8 days =
_____ pages per day

15. $7:8 = ___:32$

16. Solve: $9/3 = x/9$

17. 135 pages in 3 days =
_____ pages per day

18. $1:7 = ___:49$

19. Solve: $1/x = 9/9$

20. 38 miles in 2 hours = _____
miles per hour

21. $7:3 = 28:___$

22. Solve: $x/11 = 28/77$

23. 240 pages in 8 days =
___ pages per day

24. $3:4 = 18: \underline{\hspace{1cm}}$

25. Solve: $x/7 = 9/63$

26. 77 pages in 11 days =
___ pages per day

27. $8:1 = 56: \underline{\hspace{1cm}}$

28. Solve: $2/x = 18/108$

29. 416 pages in 8 days =
___ pages per day

30. $8:5 = 56: \underline{\hspace{1cm}}$

31. Solve: $x/4 = 108/36$

32. 605 miles in 11 hours =
___ miles per hour

33. $3:1 = \underline{\hspace{1cm}}:5$

34. Solve: $5/8 = x/16$

35. 50 pages in 2 days = ___
pages per day

36. $6:3 = \underline{\hspace{1cm}}:18$

37. Solve: $3/3 = 15/x$

38. 26 miles in 2 hours = ___
miles per hour

39. $8:4 = 40: \underline{\hspace{1cm}}$

40. Solve: $4/6 = 28/x$

41. 155 pages in 5 days =
___ pages per day

42. $3:7 = 9: \underline{\hspace{1cm}}$

43. Solve: $x/10 = 12/40$

44. 81 miles in 9 hours = ___
miles per hour

45. $8:6 = \underline{\hspace{1cm}}:24$

46. Solve: $x/10 = 14/20$

47. 30 miles in 2 hours = ___
miles per hour

48. $1:3 = 4: \underline{\hspace{1cm}}$

49. Solve: $2/10 = 14/x$

50. 506 pages in 11 days =
____ pages per day

51. $5:5 = 40: \underline{\hspace{1cm}}$

52. Solve: $2/3 = x/27$

53. 52 pages in 4 days = ____
pages per day

54. $6:2 = 18: \underline{\hspace{1cm}}$

55. Solve: $x/7 = 3/21$

56. 472 pages in 8 days =
____ pages per day

57. $7:5 = 21: \underline{\hspace{1cm}}$

58. Solve: $4/7 = 28/x$

59. 215 pages in 5 days =
____ pages per day

60. $7:9 = 56: \underline{\hspace{1cm}}$

Answer Key

Grade 8 Ratios & Proportions Timed Drill — Set A

1. $x = 32$	21. 12	41. 31
2. 21	22. $x = 4$	42. 21
3. 25	23. 30	43. $x = 3$
4. $x = 54$	24. 24	44. 9
5. 52.00	25. $x = 1$	45. 32
6. 25	26. 7	46. $x = 7$
7. $x = 9$	27. 7	47. 15
8. 15	28. $x = 12$	48. 12
9. 48	29. 52	49. $x = 70$
10. $x = 5$	30. 35	50. 46
11. 14.00	31. $x = 12$	51. 40
12. 15	32. 55	52. $x = 18$
13. $x = 7$	33. 15	53. 13
14. 56	34. $x = 10$	54. 6
15. 28	35. 25	55. $x = 1$
16. $x = 27$	36. 36	56. 59
17. 45	37. $x = 15$	57. 15
18. 7	38. 13	58. $x = 49$
19. $x = 1$	39. 20	59. 43
20. 19	40. $x = 42$	60. 72