

Grade 8 Ratios & Proportions Timed Drill

Ratios & Proportions • Grade 8 • Timed Drill • Set C • 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

1. Solve: $6/7 = 30/x$

2. 351 miles in 9 hours = _____
miles per hour

3. $6:7 = ___:49$

4. Solve: $6/11 = x/33$

5. \$408.00 for 8 items = _____
\$_____ per item

6. $4:1 = 8:___$

7. Solve: $2/3 = x/18$

8. 279 miles in 9 hours = _____
miles per hour

9. $4:5 = ___:35$

10. Solve: $x/3 = 28/21$

11. 207 miles in 9 hours = _____
_____ miles per hour

12. $9:4 = 36:___$

13. Solve: $x/10 = 84/70$

14. 90 pages in 5 days = _____
pages per day

15. $7:7 = ___:28$

16. Solve: $4/1 = 24/x$

17. 64 miles in 2 hours = _____
miles per hour

18. $2:2 = 4:___$

19. Solve: $8/x = 16/24$

20. \$48.00 for 3 items = _____
\$_____ per item

21. $5:9 = 25:___$

22. Solve: $4/5 = x/25$

23. \$95.00 for 5 items =
\$___ per item

24. $1:8 = ___:24$

25. Solve: $4/8 = x/64$

26. 371 miles in 7 hours =
___ miles per hour

27. $4:8 = 12:___$

28. Solve: $6/10 = x/50$

29. 77 pages in 11 days =
___ pages per day

30. $8:2 = ___:4$

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

32. 172 pages in 4 days =
___ pages per day

33. $8:5 = ___:25$

34. Solve: $4/8 = x/40$

35. \$58.00 for 2 items =
\$___ per item

36. $6:3 = 36:___$

37. Solve: $x/12 = 84/84$

38. 200 miles in 4 hours =
___ miles per hour

39. $9:2 = ___:10$

40. Solve: $x/2 = 18/18$

41. \$48.00 for 8 items =
\$___ per item

42. $5:5 = 20:___$

43. Solve: $7/x = 56/40$

44. \$60.00 for 10 items =
\$___ per item

45. $9:5 = 45:___$

46. Solve: $12/x = 96/96$

47. \$270.00 for 10 items =
\$___ per item

48. $8:4 = ___:16$

49. Solve: $10/x = 80/24$

50. 81 miles in 9 hours = ____
miles per hour

51. $4:3 = 20: \underline{\hspace{1cm}}$

52. Solve: $4/x = 28/56$

53. 168 miles in 7 hours = ____
miles per hour

54. $4:1 = 24: \underline{\hspace{1cm}}$

55. Solve: $6/12 = 36/x$

56. 40 miles in 2 hours = ____
miles per hour

57. $2:4 = \underline{\hspace{1cm}}:8$

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

59. 312 pages in 6 days = ____
pages per day

60. $1:1 = \underline{\hspace{1cm}}:4$

Answer Key

Grade 8 Ratios & Proportions Timed Drill — Set C

1. $x = 35$	21. 45	41. 6.00
2. 39	22. $x = 20$	42. 20
3. 42	23. 19.00	43. $x = 5$
4. $x = 18$	24. 3	44. 6.00
5. 51.00	25. $x = 32$	45. 25
6. 2	26. 53	46. $x = 12$
7. $x = 12$	27. 24	47. 27.00
8. 31	28. $x = 30$	48. 32
9. 28	29. 7	49. $x = 3$
10. $x = 4$	30. 16	50. 9
11. 23	31. $x = 3$	51. 15
12. 16	32. 43	52. $x = 8$
13. $x = 12$	33. 40	53. 24
14. 18	34. $x = 20$	54. 6
15. 28	35. 29.00	55. $x = 72$
16. $x = 6$	36. 18	56. 20
17. 32	37. $x = 12$	57. 4
18. 4	38. 50	58. $x = 25$
19. $x = 12$	39. 45	59. 52
20. 16.00	40. $x = 2$	60. 4