

Grade 6 Expressions & Equations Timed Drill

Expressions & Equations • Grade 6 • Timed Drill • Set A • CCSS 6.EE.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. Evaluate $5x - 7$ when $x = 4$.

2. $9^3 =$

3. Evaluate $4x - 20$ when $x = 1$.

4. $4^3 =$

5. Evaluate $x^2 + 11$ when $x = 4$.

6. $2^4 =$

7. Evaluate $2x + 5$ when $x = 3$.

8. $4^2 =$

9. Evaluate $3x + 8$ when $x = 6$.

10. $5^3 =$

11. Evaluate $4x + 10$ when $x = 2$.

12. $6^3 =$

13. Evaluate $5x - 18$ when $x = 3$.

14. $3^3 =$

15. Evaluate $2x + 17$ when $x = 4$.

16. $3^4 =$

17. Evaluate $x^2 + 6$ when $x = 5$.

18. $8^3 =$

19. Evaluate $9x - 12$ when $x = 9$.

20. $7^3 =$

21. Evaluate $4x + 12$ when $x = 2$.

22. $7^2 =$

23. Evaluate $8x + 4$ when $x = 5$.

24. $5^2 =$

25. Evaluate $x^2 + 16$ when $x = 5$.

26. $9^2 =$

27. Evaluate $5x - 9$ when $x = 6$.

28. $2^5 =$

29. Evaluate $8x - 4$ when $x = 5$.

30. $3^2 =$

31. Evaluate $x^2 + 17$ when $x = 1$.

32. $8^2 =$

33. Evaluate $x^2 + 4$ when $x = 5$.

34. $6^2 =$

35. Evaluate $2x + 18$ when $x = 3$.

36. $3^5 =$

37. Evaluate $9x - 20$ when $x = 5$.

38. $2^3 =$

39. Evaluate $2x + 10$ when $x = 5$.

40. $2^2 =$

41. Evaluate $x^2 + 17$ when $x = 4$.

42. Evaluate $3x - 14$ when $x = 8$.

43. Evaluate $4x - 10$ when $x = 8$.

44. Evaluate $x^2 + 9$ when $x = 6$.

45. Evaluate $x^2 + 8$ when $x = 1$.

46. Evaluate $x^2 + 16$ when $x = 4$.

47. Evaluate $8x + 14$ when $x = 7$.

48. Evaluate $2x - 6$ when $x = 2$.

49. Evaluate $2x + 19$ when $x = 4$.

50. Evaluate $8x + 17$ when $x = 9$.

51. Evaluate $3x + 19$ when $x = 6$.

52. Evaluate $9x - 3$ when $x = 8$.

53. Evaluate $7x + 13$ when $x = 3$.

54. Evaluate $5x + 3$ when $x = 1$.

55. Evaluate $6x + 6$ when $x = 1$.

56. Evaluate $7x + 6$ when $x = 3$.

57. Evaluate $x^2 + 3$ when $x = 8$.

58. Evaluate $6x - 5$ when $x = 5$.

59. Evaluate $x^2 + 20$ when $x = 2$.

60. Evaluate $9x - 12$ when $x = 8$.

Answer Key

Grade 6 Expressions & Equations Timed Drill — Set A

1. 13	21. 20	41. 33
2. 729	22. 49	42. 10
3. -16	23. 44	43. 22
4. 64	24. 25	44. 45
5. 27	25. 41	45. 9
6. 16	26. 81	46. 32
7. 11	27. 21	47. 70
8. 16	28. 32	48. -2
9. 26	29. 36	49. 27
10. 125	30. 9	50. 89
11. 18	31. 18	51. 37
12. 216	32. 64	52. 69
13. -3	33. 29	53. 34
14. 27	34. 36	54. 8
15. 25	35. 24	55. 12
16. 81	36. 243	56. 27
17. 31	37. 25	57. 67
18. 512	38. 8	58. 25
19. 69	39. 20	59. 24
20. 343	40. 4	60. 60