

Grade 7 Expressions & Equations Drill

Expressions & Equations • Grade 7 • Drill • Set B • CCSS 7.EE.4

Name: _____

Date: _____

Solve each problem. Show your work in the space provided.

1. Solve: $-3x + 10 = -17$

2. Expand: $-7(-2x + 5)$

3. Solve: $7x + 17 = -39$

4. Expand: $3(-6x + 4)$

5. Solve: $-1x + (-7) = -4$

6. Expand: $2(9x + 12)$

7. Solve: $6x + (-2) = 40$

8. Expand: $-7(2x + 1)$

9. Solve: $1x + (-9) = -8$

10. Expand: $-3(6x + 8)$

11. Solve: $-3x + 7 = 22$

12. Expand: $-4(6x + 1)$

13. Solve: $-6x + 1 = -47$

14. Expand: $8(7x + 11)$

15. Solve: $6x + 20 = -22$

16. Expand: $-4(-9x - 1)$

17. Solve: $-9x + 1 = -62$

18. Expand: $-5(8x - 3)$

19. Solve: $-4x + (-18) = -46$

20. Expand: $-1(-7x + 2)$

21. Solve: $1x + (-3) = 2$

22. Expand: $-8(4x - 4)$

23. Solve: $-9x + 7 = -20$

24. Expand: $7(2x + 9)$

25. Solve: $-4x + 15 = 47$

26. Expand: $-4(5x + 1)$

27. Solve: $-7x + 13 = -22$

28. Expand: $7(x - 6)$

29. Solve: $3x + 15 = 33$

30. Expand: $6(-4x - 7)$

Answer Key

Grade 7 Expressions & Equations Drill — Set B

1. $x = 9$

2. $14x - 35$

3. $x = -8$

4. $-18x + 12$

5. $x = -3$

6. $18x + 24$

7. $x = 7$

8. $-14x - 7$

9. $x = 1$

10. $-18x - 24$

11. $x = -5$

12. $-24x - 4$

13. $x = 8$

14. $56x + 88$

15. $x = -7$

16. $36x + 4$

17. $x = 7$

18. $-40x + 15$

19. $x = 7$

20. $7x - 2$

21. $x = 5$

22. $-32x + 32$

23. $x = 3$

24. $14x + 63$

25. $x = -8$

26. $-20x - 4$

27. $x = 5$

28. $7x - 42$

29. $x = 6$

30. $-24x - 42$