

Grade 7 Expressions & Equations Drill

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

Name: _____

Date: _____

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

1. Solve: $-5x + (-6) = 39$

2. Expand: $1(-7x + 12)$

3. Solve: $-5x + (-16) = -61$

4. Expand: $1(-7x - 5)$

5. Solve: $1x + 7 = 8$

6. Expand: $8(-5x - 6)$

7. Solve: $2x + 14 = 0$

8. Expand: $1(x - 6)$

9. Solve: $-3x + 5 = -22$

10. Expand: $5(-x + 10)$

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

12. Expand: $2(-3x - 10)$

13. Solve: $-1x + 3 = 11$

14. Expand: $-5(x - 9)$

15. Solve: $-9x + 1 = -8$

16. Expand: $3(3x - 7)$

17. Solve: $3x + 2 = 23$

18. Expand: $2(3x + 8)$

19. Solve: $6x + 1 = 7$

20. Expand: $-4(-x + 8)$

21. Solve: $-6x + (-5) = 37$

22. Expand: $-7(-6x - 9)$

23. Solve: $1x + 1 = 6$

24. Expand: $4(-4x + 7)$

25. Solve: $-8x + 1 = 73$

26. Expand: $-5(-4x - 3)$

27. Solve: $7x + 20 = 76$

28. Expand: $-7(-9x + 11)$

29. Solve: $-5x + (-2) = 28$

30. Expand: $-2(-6x - 8)$

Answer Key

Grade 7 Expressions & Equations Drill — Set C

1. $x = -9$

2. $-7x + 12$

3. $x = 9$

4. $-7x - 5$

5. $x = 1$

6. $-40x - 48$

7. $x = -7$

8. $x - 6$

9. $x = 9$

10. $-5x + 50$

11. $x = -2$

12. $-6x - 20$

13. $x = -8$

14. $-5x + 45$

15. $x = 1$

16. $9x - 21$

17. $x = 7$

18. $6x + 16$

19. $x = 1$

20. $4x - 32$

21. $x = -7$

22. $42x + 63$

23. $x = 5$

24. $-16x + 28$

25. $x = -9$

26. $20x + 15$

27. $x = 8$

28. $63x - 77$

29. $x = -6$

30. $12x + 16$