Solve each equation:

Random Seed: 784215

1.
$$-3x - 3 = 21$$

$$2. 4x - 11 = -26$$

$$3. -6x + 8 = 15$$

4.
$$4x - 11 = -13$$

5.
$$7x - 2 = -21$$

6.
$$5x - 11 = -19$$

7.
$$-5x + 1 = -33$$

8.
$$-5x + 2 = -13$$

9.
$$2x - 8 = 6$$

10.
$$x + 9 = 11$$

11.
$$5x + 3 = -13$$

12.
$$2x - 9 = -12$$

13.
$$7x + 4 = -29$$

14.
$$-6x + 5 = -14$$

15.
$$-6x - 4 = -4$$

16.
$$5x - 5 = 27$$

17.
$$-2x + 9 = 25$$

18.
$$4x + 7 = 2$$

19.
$$-7x - 2 = 30$$

20.
$$5x + 5 = 33$$

$$21. \ -x - 14 = -3x - 19$$

22.
$$8x - 14 = 4x - 4$$

23.
$$-8x + 1 = -6x - 6$$

$$24. -5x - 14 = 4x - 7$$

25.
$$3x - 9 = 7x + 7$$

26.
$$-8x - 8 = 5x + 11$$

$$27. \ x - 2 = -5x + 4$$

28.
$$-x + 5 = -5x + 17$$

29.
$$9x - 2 = 2x - 6$$

$$30. -x - 3 = x - 4$$

$$31. 4x - 10 = 5x - 12$$

$$32. -2x - 1 = 2x - 8$$

33.
$$x + 12 = 7x + 12$$

34.
$$4x - 4 = -6x + 10$$

35.
$$-3x + 4 = -6x + 6$$

36.
$$6x + 10 = 5x - 19$$

37.
$$6x - 7 = -2x - 16$$

38.
$$-9x + 7 = 4x + 16$$

39.
$$-3x + 1 = -7x - 14$$

$$40. -4x + 2 = 5x - 4$$

41.
$$-\frac{1}{15}x - \frac{7}{5} = \frac{4x-5}{30}$$

42.
$$8x - \frac{14}{3} = \frac{5x-6}{3}$$

43.
$$-x + \frac{1}{12} = \frac{-x-2}{24}$$

$$44. \ -\frac{1}{2}x - \frac{14}{15} = \frac{-7x - 1}{30}$$

45.
$$3x - \frac{9}{2} = \frac{-2x-7}{2}$$

46.
$$-\frac{8}{15}x - \frac{4}{5} = \frac{5x-2}{30}$$

47.
$$\frac{1}{2}x - 1 = \frac{-x - 5}{2}$$

48.
$$-x + \frac{5}{4} = \frac{-6x-2}{4}$$

49.
$$\frac{3}{5}x - \frac{2}{25} = \frac{8x-7}{75}$$

$$50. \ -\frac{1}{4}x - \frac{3}{4} = \frac{-5x - 4}{8}$$

51.
$$x-5=\frac{-4x+1}{4}$$

$$52. \ -\frac{2}{9}x - \frac{1}{6} = \frac{-5x - 6}{18}$$

53.
$$x + 6 = \frac{4x - 6}{2}$$

$$54. \ \frac{4}{7}x - \frac{4}{35} = \frac{-5x - 7}{35}$$

55.
$$-\frac{1}{4}x + \frac{1}{3} = \frac{3x+2}{36}$$

56.
$$\frac{3}{2}x + \frac{5}{4} = \frac{-8x+5}{8}$$

57.
$$\frac{6}{7}x - \frac{1}{3} = \frac{x+5}{21}$$

58.
$$-\frac{3}{4}x + \frac{7}{12} = \frac{-7x-5}{36}$$

59.
$$-\frac{1}{5}x + \frac{1}{15} = \frac{-x+5}{45}$$

60.
$$-\frac{2}{3}x + \frac{2}{15} = \frac{11x+2}{30}$$

61.
$$-7(x+6) + 2 = 5(-3x+4)$$

62.
$$-2(x-8)+1=-2(4x+2)$$

63.
$$-5(x-2) + 7 = -2(-6x+5)$$

64.
$$-6(x+4) + 2 = -1(4x+6)$$

65.
$$-7(x-8) + 1 = 5(7x+3)$$

66.
$$6(x-6) + 2 = 5(5x+2)$$

67.
$$7(x+7)+6=5(-5x+2)$$

68.
$$3(x+6) + 8 = -5(-5x+5)$$

69.
$$-4(x+7)+6=-4(2x+8)$$

70.
$$-7(x-5)+1=4(x+5)$$

71.
$$3(x+7) + 5 = 1(5x+8)$$

72.
$$5(x+5) + 9 = -5(2x+8)$$

73.
$$-8(x+3) + 7 = -2(7x+7)$$

74.
$$7(x-1) + 1 = -3(-6x+2)$$

75.
$$8(x+8) + 2 = 3(-6x+8)$$

76.
$$-7(x-2) + 1 = -2(5x+3)$$

77.
$$3(x-2) + 4 = -3(-2x+5)$$

78.
$$4(x+3) + 7 = 2(4x+5)$$

79.
$$7(x-5)+9=5(-7x+8)$$

80.
$$-3(x+1) + 4 = 2(5x+5)$$

- 1. x = (-8)
- 2. $x = \left(-\frac{15}{4}\right)$
- 3. $x = \left(-\frac{7}{6}\right)$
- 4. $x = \left(-\frac{1}{2}\right)$
- 5. $x = \left(-\frac{19}{7}\right)$
- 6. $x = \left(-\frac{8}{5}\right)$
- 7. $x = (\frac{34}{5})$
- 8. x = 3
- 9. x = 7
- 10. x = 2
- 11. $x = \left(-\frac{16}{5}\right)$
- 12. $x = \left(-\frac{3}{2}\right)$
- 13. $x = \left(-\frac{33}{7}\right)$
- 14. $x = (\frac{19}{6})$
- 15. x = 0
- 16. $x = (\frac{32}{5})$
- 17. x = (-8)
- 18. $x = \left(-\frac{5}{4}\right)$
- 19. $x = \left(-\frac{32}{7}\right)$
- 20. $x = (\frac{28}{5})$
- 21. $x = \left(-\frac{5}{2}\right)$
- 22. $x = (\frac{5}{2})$
- 23. $x = (\frac{7}{2})$
- 24. $x = \left(-\frac{7}{9}\right)$
- 25. x = (-4)
- 26. $x = \left(-\frac{19}{13}\right)$
- 27. x = 1

- 28. x = 3
- 29. $x = \left(-\frac{4}{7}\right)$
- 30. $x = (\frac{1}{2})$
- 31. x = 2
- 32. $x = (\frac{7}{4})$
- 33. x = 0
- 34. $x = (\frac{7}{5})$
- 35. $x = (\frac{2}{3})$
- 36. x = (-29)
- 37. $x = \left(-\frac{9}{8}\right)$
- 38. $x = \left(-\frac{9}{13}\right)$
- 39. $x = \left(-\frac{15}{4}\right)$
- 40. $x = (\frac{2}{3})$
- 41. $x = \left(-\frac{37}{6}\right)$
- 42. $x = (\frac{8}{19})$
- 43. $x = (\frac{4}{23})$
- 44. $x = \left(-\frac{27}{8}\right)$
- 45. $x = (\frac{1}{4})$
- 46. $x = \left(-\frac{22}{21}\right)$
- 47. $x = \left(-\frac{3}{2}\right)$
- 48. $x = \left(-\frac{7}{2}\right)$
- 49. $x = \left(-\frac{1}{37}\right)$
- 50. $x = (\frac{2}{3})$
- 51. $x = (\frac{21}{8})$
- 52. x = (-3)
- 53. x = 9
- 54. $x = \left(-\frac{3}{25}\right)$

- 55. $x = (\frac{5}{6})$
- 56. $x = \left(-\frac{1}{4}\right)$
- 57. $x = (\frac{12}{17})$
- 58. $x = (\frac{13}{10})$
- 59. $x = \left(-\frac{1}{4}\right)$
- 60. $x = \left(\frac{2}{31}\right)$
- 61. $x = (\frac{15}{2})$
- 62. $x = \left(-\frac{7}{2}\right)$
- 63. $x = (\frac{27}{17})$
- 64. x = (-8)
- 65. x = 1
- 66. $x = \left(-\frac{44}{19}\right)$
- 67. $x = \left(-\frac{45}{32}\right)$
- 68. $x = (\frac{51}{22})$
- 69. $x = \left(-\frac{5}{2}\right)$
- 70. $x = \left(\frac{16}{11}\right)$
- 71. x = 9
- 72. $x = \left(-\frac{74}{15}\right)$
- 73. $x = (\frac{1}{2})$
- 74. x = 0
- 75. $x = \left(-\frac{21}{13}\right)$
- 76. x = (-7)
- 77. $x = (\frac{13}{3})$
- 78. $x = (\frac{9}{4})$
- 79. $x = (\frac{11}{7})$
- 80. $x = \left(-\frac{9}{13}\right)$