School786
AN ONLINE SCHOOL

Name: Due Date: Teacher: Parent Sign:

Questions

1. Solve: $2x + 3 = 11$

2. Solve: $\frac{x}{3} + 5 = 9$

3. Solve: $4x - 7 = 9$

4. Solve: $-3x + 2 = 11$

5. Solve: $5(x - 2) = 15$

6. Solve: $2x + 4 = 2x + 7$

7. Solve: $3x - 1 = 3x - 1$

8. Solve: $0x = 0$

9. Solve: $0x = 5$

10. Solve: $2(x + 3) = 2x + 6$

11. Solve: $(\frac{1}{2})x + 3 = 7$

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

13. Solve: $4x + 5 = 2x + 15$

14. Solve: $6 - x = 2x + 3$

15. Solve: $-2x + 4 = 10$

16. How many solutions does $7x + 2 = 7x + 3$ have?

17. How many solutions does $-5x + 9 = -5x + 9$ have?

18. Solve: $(\frac{3}{4})x - 2 = 1$

19. Solve: $x - 5 = 0$

20. How many solutions does $2(x + 1) = 2x + 2$ have?

21. How many solutions does $0 = 0$ have (as an equation in x)?

22. How many solutions does $x + 4 = x$ have?

23. How many solutions does $10 = 10$ have (as an equation in x)?

24. Solve: $2x = 4$

25. Solve: $\frac{x}{5} = 3$

26. Solve: $-x + 2 = x - 6$

27. Solve: $8 - 3x = 2$

28. How many solutions does $4(x - 2) = 4x - 8$ have?

29. How many solutions does $5x + 2 = 5x + 3$ have?

30. How many solutions does $0x + 7 = 7$ have?

31. Create a linear equation (in x) that has no solutions.

32. Create a linear equation (in x) that has infinitely many solutions.

33. Create a linear equation that has exactly one solution.

34. Create a linear equation with fractions that has no solutions.

35. Create a linear equation with fractions that has infinitely many solutions.

36. Create a linear equation with negative coefficients that has no solutions.

37. How many solutions does $2(x - 4) + 3 = 2x - 5$ have?

38. How many solutions does $5(x + 2) = 5x + 9$ have?

39. Solve: $2(x + 4) = 3x + 8$

40. How many solutions does $7x - 14 = 7(x - 2)$ have?

41. How many solutions does $-2(x + 3) = -2x - 6$ have?

42. Solve: $9 = x + 4$

43. How many solutions does $x - (x + 1) = 0$ have?

44. How many solutions does $x - x = 5$ have?

45. How many solutions does $3(x + 1) = 3x + 2$ have?

46. How many solutions does $(2x + 4)/2 = x + 2$ have?

47. Create a linear equation whose solution is $x = 10$.

48. Create a linear equation that has no solutions (use coefficient 6).

49. Create a linear equation that has infinitely many solutions using zero coefficients.

50. Create a linear equation that has no solutions using zero coefficients.