

EduSahara™ Learning Center Assignment**Grade : Class VIII, SSC****Chapter : Linear Equations in One Variable****Name : Solving for X****Licensed To : Teachers and Students for non-commercial use**

1. The L.H.S of the equation $(3x - 7) = 0$ is

(i) $(3x - 4)$ (ii) $(3x - 9)$ (iii) 0

(iv) $(3x - 7)$ (v) $(2x - 7)$

2. The R.H.S of the equation $(-4x) = 0$ is

(i) $(-4x)$ (ii) 2 (iii) (-1)

(iv) 0 (v) (-3)

3. The L.H.S of the equation $(-4x) = (-4)$ is

(i) $(-5x)$ (ii) $(-x)$ (iii) (-4)

(iv) $(-7x)$ (v) $(-4x)$

4. The R.H.S of the equation $(-2x + 4) = 0$ is

(i) $(-2x + 4)$ (ii) (-1) (iii) 0

(iv) (-3) (v) 2

5. The L.H.S of the equation $(8x + 6) = (-5x + 7)$ is

(i) $(8x + 9)$ (ii) $(-5x + 7)$ (iii) $(8x + 6)$

(iv) $(7x + 6)$ (v) $(8x + 4)$

6. The R.H.S of the equation $(3x + 5) = (2x + 8)$ is

- (i) $(x + 8)$ (ii) $(2x + 8)$ (iii) $(2x + 11)$
(iv) $(2x + 5)$ (v) $(3x + 5)$
-

7. The additive inverse of the expression $(-9x + 7)$ is

- (i) $(9x - 4)$ (ii) $(9x - 7)$ (iii) $(-9x + 7)$
(iv) $(9x - 10)$ (v) $(8x - 7)$
-

8. The additive inverse of the expression (-9) is

- (i) 8 (ii) 7 (iii) 12
(iv) 9 (v) (-9)
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9. Solve the equation $(x + 9) = 0$

- (i) -8 (ii) -7 (iii) -11 (iv) -10 (v) -9
-

10. Solve the equation $(-5x) = (-7)$

- (i) $\frac{9}{5}$ (ii) $\frac{5}{3}$ (iii) $\frac{9}{7}$ (iv) 1 (v) $\frac{7}{5}$
-

11. Solve the equation $(-7x - 7) = 0$

- (i) -1 (ii) -2 (iii) -3 (iv) 0 (v) 2
-

12. Solve the equation $(\frac{9}{4}x + \frac{5}{3}) = 0$

- (i) $(\frac{-22}{27})$ (ii) $(\frac{-4}{5})$ (iii) $(\frac{-2}{3})$ (iv) $(\frac{-20}{27})$ (v) $(\frac{-20}{29})$
-

13. Solve the equation $(x - 4) = (-6)$

- (i) 0 (ii) -3 (iii) -2 (iv) -1 (v) -4
-

14. Solve the equation $\left(\frac{9}{5}x - \frac{8}{7}\right) = \left(-\frac{7}{2}\right)$

- (i) $\left(\frac{-19}{14}\right)$ (ii) $\left(\frac{-53}{42}\right)$ (iii) $\left(\frac{-57}{44}\right)$ (iv) $\left(\frac{-53}{40}\right)$ (v) $\left(\frac{-55}{42}\right)$
-

15. Solve the equation $(7x + 3) = (-5x - 8)$

- (i) $\left(\frac{-13}{12}\right)$ (ii) $\left(\frac{-11}{14}\right)$ (iii) $\left(\frac{-11}{10}\right)$ (iv) $\left(\frac{-3}{4}\right)$ (v) $\left(\frac{-11}{12}\right)$
-

16. Solve the equation $\left(-\frac{3}{7}x - \frac{4}{7}\right) = \left(\frac{9}{7}x - \frac{9}{7}\right)$

- (i) $\frac{7}{12}$ (ii) $\frac{1}{4}$ (iii) $\frac{5}{12}$ (iv) $\frac{1}{2}$ (v) $\frac{5}{14}$
-

17. The L.H.S of the equation $(5x + 8) = 0$ is

- (i) $(4x + 8)$ (ii) 0 (iii) $(5x + 5)$
(iv) $(5x + 11)$ (v) $(5x + 8)$
-

18. The R.H.S of the equation $(-8x - 6) = 0$ is

- (i) 2 (ii) (-3) (iii) 0
(iv) (-1) (v) $(-8x - 6)$
-

19. The L.H.S of the equation $(-4x + 9) = (-6)$ is

- (i) $(-4x + 9)$ (ii) (-6) (iii) $(-5x + 9)$
(iv) $(-4x + 6)$ (v) $(-4x + 11)$
-

20. The R.H.S of the equation $(2x - 9) = 6$ is

- (i) 6 (ii) $(2x - 9)$ (iii) 8
(iv) 5 (v) 4
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21. The L.H.S of the equation $(x + 6) = (-6x + 2)$ is

- (i) $(-6x + 2)$ (ii) $(x + 8)$ (iii) $(x + 6)$
(iv) $(x + 3)$ (v) 6
-

22. The R.H.S of the equation $(-x - 6) = (x - 5)$ is

- (i) $(x - 3)$ (ii) $(x - 5)$ (iii) $(-x - 6)$
(iv) $(x - 8)$ (v) (-5)
-

23. The additive inverse of the expression $(-4x + 9)$ is

- (i) $(-4x + 9)$ (ii) $(4x - 6)$ (iii) $(3x - 9)$
(iv) $(4x - 11)$ (v) $(4x - 9)$
-

24. The additive inverse of the expression 8 is

- (i) (-11) (ii) 8 (iii) (-8)
(iv) (-9) (v) (-6)
-

25. Solve the equation $(x - 7) = 0$

- (i) 6 (ii) 7 (iii) 9 (iv) 8 (v) 5
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26. Solve the equation $x = (-1)$

- (i) -2 (ii) -1 (iii) -3 (iv) 0 (v) 2
-

27. Solve the equation $(-8x + 4) = 0$

- (i) $(\frac{-1}{2})$ (ii) $\frac{3}{2}$ (iii) $\frac{1}{2}$ (iv) $\frac{1}{4}$ (v) 1
-

28. Solve the equation $(\frac{5}{4}x - 2) = 0$

- (i) $\frac{10}{7}$ (ii) $\frac{6}{5}$ (iii) $\frac{8}{5}$ (iv) 2
-

29. Solve the equation $(8x - 2) = (-9)$

- (i) $(\frac{-7}{8})$ (ii) $(\frac{-9}{8})$ (iii) $(\frac{-7}{6})$ (iv) $(\frac{-5}{8})$ (v) $(\frac{-7}{10})$
-

30. Solve the equation $(\frac{7}{2}x + \frac{7}{3}) = \frac{4}{3}$

- (i) $(\frac{-2}{9})$ (ii) 0 (iii) $(\frac{-2}{5})$ (iv) $(\frac{-4}{7})$ (v) $(\frac{-2}{7})$
-

31. Solve the equation $(4x + 5) = (-8x - 8)$

- (i) $(\frac{-11}{10})$ (ii) $(\frac{-15}{14})$ (iii) $(\frac{-13}{12})$ (iv) $(\frac{-11}{12})$ (v) $(\frac{-5}{4})$
-

32. Solve the equation $(\frac{5}{4}x - \frac{3}{4}) = (-\frac{7}{3}x + \frac{9}{8})$

- (i) $\frac{1}{2}$ (ii) $\frac{47}{86}$ (iii) $\frac{45}{86}$ (iv) $\frac{45}{88}$ (v) $\frac{15}{28}$
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Assignment Key

- 1) (iv)
- 2) (iv)
- 3) (v)
- 4) (iii)
- 5) (iii)
- 6) (ii)
- 7) (ii)
- 8) (iv)
- 9) (v)
- 10) (v)
- 11) (i)
- 12) (iv)
- 13) (iii)
- 14) (v)
- 15) (v)
- 16) (iii)
- 17) (v)
- 18) (iii)
- 19) (i)
- 20) (i)
- 21) (iii)
- 22) (ii)
- 23) (v)
- 24) (iii)
- 25) (ii)
- 26) (ii)
- 27) (iii)
- 28) (iii)
- 29) (i)
- 30) (v)
- 31) (iii)
- 32) (iii)