

EduSahara™ Learning Center Assignment**Grade : Class VII, SSC****Chapter : Simple Equations****Name : Solving Simple Equations****Licensed To : Teachers and Students for non-commercial use**

1. Solve the equation $(-6x) = 9$

- (i) $(\frac{-5}{4})$ (ii) $(\frac{-1}{2})$ (iii) $(\frac{-5}{2})$ (iv) $(\frac{-3}{2})$ (v) -2
-

2. Solve the equation $(6x + \frac{3}{2}) = 0$

- (i) $(\frac{-1}{4})$ (ii) $(\frac{-1}{2})$ (iii) $\frac{1}{4}$ (iv) $(\frac{-1}{6})$ (v) $(\frac{-3}{4})$
-

3. Solve the equation $(\frac{3}{2}x + \frac{7}{5}) = \frac{9}{7}$

- (i) $(\frac{-8}{107})$ (ii) $(\frac{-2}{35})$ (iii) $(\frac{-8}{105})$ (iv) $(\frac{-2}{21})$ (v) $(\frac{-8}{103})$
-

4. Solve the equation $(8x - 9) = (3x - 4)$

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

5. Solve the equation $(\frac{5}{4}x - \frac{7}{4}) = (-\frac{4}{7}x + \frac{3}{2})$

- (i) $\frac{91}{51}$ (ii) $\frac{93}{53}$ (iii) $\frac{89}{49}$ (iv) $\frac{31}{17}$ (v) $\frac{89}{51}$
-

6. Solve the equation $(-5x + 2) = 0$

- (i) $\frac{4}{5}$ (ii) $\frac{2}{5}$ (iii) $\frac{2}{7}$ (iv) $\frac{2}{3}$ (v) 0
-

7. Solve the equation $(-5x - 9) = (-4)$

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

8. The linear equation $(x - 3) = (5x - 5)$
is equivalent to

(i) $(-3x + 2) = 0$

(ii) $(x - 3) = (5x - 2)$

(iii) $(x - 3) = (5x - 7)$

(iv) $(-4x + 2) = 0$

(v) $(-5x + 2) = 0$

The value of x in terms of other variables and constant in

9.

$(-8x - 1) = (-2x - 3)$ is

(i) $x = (-\frac{1}{3})$ (ii) $x = \frac{1}{5}$ (iii) $x = 1$ (iv) $x = \frac{1}{3}$

10. Solve the equation $(x + 2) = 0$

(i) -1 (ii) -5 (iii) -3 (iv) -2 (v) 0

11. Solve the equation $(-2x) = 6$

(i) -2 (ii) -3 (iii) -5 (iv) -1 (v) -4

12. Solve the equation $(-\frac{7}{5}x - \frac{5}{4}) = 0$

(i) $(\frac{-27}{28})$ (ii) $(\frac{-23}{28})$ (iii) $(\frac{-5}{6})$ (iv) $(\frac{-25}{26})$ (v) $(\frac{-25}{28})$

13. Solve the equation $(\frac{4}{3}x - \frac{2}{7}) = (-\frac{3}{5})$

(i) $(\frac{-33}{140})$ (ii) $(\frac{-31}{140})$ (iii) $(\frac{-11}{46})$ (iv) $(\frac{-1}{4})$ (v) $(\frac{-33}{142})$

14. Solve the equation $(-7x - 5) = (2x + 9)$

(i) $(\frac{-16}{11})$ (ii) $(\frac{-4}{3})$ (iii) $(\frac{-14}{9})$ (iv) $(\frac{-16}{9})$ (v) $(\frac{-12}{7})$

15. Solve the equation $(-\frac{2}{7}x - \frac{7}{6}) = (-\frac{3}{5}x + \frac{9}{8})$

(i) $\frac{161}{22}$ (ii) $\frac{173}{24}$ (iii) $\frac{175}{24}$ (iv) $\frac{59}{8}$ (v) $\frac{189}{26}$

16. Solve the equation $(-x + 3) = 0$

- (i) 3 (ii) 4 (iii) 5 (iv) 0 (v) 2
-

17. Solve the equation $(-9x - 7) = (-8)$

- (i) $(-\frac{1}{9})$ (ii) $\frac{1}{9}$ (iii) $\frac{1}{3}$ (iv) $\frac{1}{7}$ (v) $\frac{1}{11}$
-

18. The linear equation $(4x + 7) = (-4x - 7)$ is equivalent to

- (i) $(4x + 7) = (-4x - 9)$
(ii) $(8x + 14) = 0$
(iii) $(4x + 7) = (-4x - 5)$
(iv) $(9x + 14) = 0$
(v) $(7x + 14) = 0$
-

19. The value of x in terms of other variables and constant in $(8x + 3) = (-3x - 5)$ is

- (i) $x = (-\frac{6}{11})$ (ii) $x = (-\frac{8}{13})$ (iii) $x = (-\frac{8}{9})$ (iv) $x = (-\frac{8}{11})$ (v) $x = (-\frac{10}{11})$
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20. Solve the equation $(x + 7) = 0$

- (i) -10 (ii) -6 (iii) -7 (iv) -8 (v) -5
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Assignment Key

- 1) (iv)
- 2) (i)
- 3) (iii)
- 4) (iii)
- 5) (i)
- 6) (ii)
- 7) (ii)
- 8) (iv)
- 9) (iv)
- 10) (iv)
- 11) (ii)
- 12) (v)
- 13) (i)
- 14) (iii)
- 15) (iii)
- 16) (i)
- 17) (ii)
- 18) (ii)
- 19) (iv)
- 20) (iii)