

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

1. Solve the equation $(x + 9) = 0$

(i) -8 (ii) -9 (iii) -6 (iv) -11 (v) -10

2. Solve the equation $6x = (-3)$

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

3. Solve the equation $(-7x + 2) = 0$

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

4. Solve the equation $(\frac{4}{3}x - \frac{9}{7}) = 0$

(i) $\frac{29}{28}$ (ii) $\frac{25}{28}$ (iii) $\frac{9}{10}$ (iv) $\frac{27}{28}$ (v) $\frac{27}{26}$

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

(i) $(-\frac{5}{4})$ (ii) $(-\frac{5}{2})$ (iii) $(-\frac{3}{2})$ (iv) $(-\frac{9}{4})$ (v) $(-\frac{7}{4})$

6. Solve the equation $(-\frac{5}{2}x - \frac{7}{6}) = (-\frac{6}{7})$

(i) $(-\frac{11}{105})$ (ii) $(-\frac{13}{107})$ (iii) $(-\frac{13}{103})$ (iv) $(-\frac{1}{7})$ (v) $(-\frac{13}{105})$

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

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

8. Solve the equation $(-\frac{2}{3}x - \frac{9}{4}) = (-\frac{5}{7}x + \frac{8}{5})$

(i) $\frac{1617}{20}$ (ii) $\frac{1619}{20}$ (iii) $\frac{1777}{22}$ (iv) $\frac{323}{4}$ (v) $\frac{1457}{18}$

9. Solve the equation $(x - 2) = 0$

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

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

(i) $\frac{3}{4}$ (ii) $\frac{7}{4}$ (iii) $\frac{5}{4}$ (iv) $\frac{7}{6}$ (v) $\frac{3}{2}$

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

(i) $\frac{8}{7}$ (ii) $\frac{4}{3}$ (iii) $\frac{4}{5}$ (iv) $\frac{8}{5}$ (v) $\frac{6}{5}$

12. Solve the equation $(-\frac{6}{7}x - \frac{9}{7}) = 0$

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

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

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

14. Solve the equation $(\frac{5}{3}x + \frac{8}{5}) = \frac{7}{6}$

(i) $(-\frac{1}{4})$ (ii) $(-\frac{13}{48})$ (iii) $(-\frac{3}{10})$ (iv) $(-\frac{11}{50})$ (v) $(-\frac{13}{50})$

15. Solve the equation $(8x + 1) = (4x + 2)$

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

16. Solve the equation $(4x + \frac{3}{2}) = (-\frac{2}{9}x + \frac{5}{2})$

(i) $\frac{9}{38}$ (ii) $\frac{1}{4}$ (iii) $\frac{11}{38}$ (iv) $\frac{9}{40}$ (v) $\frac{7}{38}$

Assignment Key

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