

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

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

(i) 4 (ii) 2 (iii) 6 (iv) 3 (v) 0

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

(i) $(\frac{-9}{8})$ (ii) $(\frac{-7}{8})$ (iii) $(\frac{-11}{8})$ (iv) $(\frac{-11}{10})$ (v) $(\frac{-7}{6})$

3. Solve the equation $(4x + 3) = 0$

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

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

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

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

(i) $\frac{4}{7}$ (ii) $\frac{4}{5}$ (iii) $\frac{4}{9}$ (iv) $\frac{2}{7}$ (v) $\frac{6}{7}$

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

(i) $\frac{47}{90}$ (ii) $\frac{47}{92}$ (iii) $\frac{1}{2}$ (iv) $\frac{49}{90}$ (v) $\frac{47}{88}$

7. Solve the equation $(-5x - 4) = (3x + 8)$

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

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

(i) $\frac{18}{187}$ (ii) $\frac{4}{37}$ (iii) $\frac{6}{61}$ (iv) $\frac{16}{185}$ (v) $\frac{18}{185}$

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

- (i) -1 (ii) 0 (iii) 2 (iv) -3 (v) -2
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10. Solve the equation $(-7x) = (-7)$

- (i) -1 (ii) 2 (iii) 4 (iv) 0 (v) 1
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11. Solve the equation $(-5x - 5) = 0$

- (i) 0 (ii) 2 (iii) -3 (iv) -1 (v) -2
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12. Solve the equation $(-6x - \frac{6}{7}) = 0$

- (i) $\frac{1}{7}$ (ii) $(-\frac{3}{7})$ (iii) $(-\frac{1}{9})$ (iv) $(-\frac{1}{7})$ (v) $(-\frac{1}{5})$
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13. Solve the equation $(8x + 8) = 2$

- (i) $(-\frac{5}{4})$ (ii) $(-\frac{1}{4})$ (iii) $(-\frac{1}{2})$ (iv) $(-\frac{3}{2})$ (v) $(-\frac{3}{4})$
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14. Solve the equation $(-\frac{9}{8}x - \frac{9}{7}) = (-\frac{9}{4})$

- (i) $\frac{6}{5}$ (ii) $\frac{2}{3}$ (iii) $\frac{8}{7}$ (iv) $\frac{6}{7}$ (v) $\frac{4}{7}$
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15. Solve the equation $(6x + 1) = (-3x - 4)$

- (i) $(-\frac{5}{7})$ (ii) $(-\frac{7}{9})$ (iii) $(-\frac{5}{9})$ (iv) $(-\frac{1}{3})$ (v) $(-\frac{5}{11})$
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16. Solve the equation $(-\frac{6}{5}x - 8) = (\frac{5}{2}x + \frac{5}{3})$

- (i) $(-\frac{292}{111})$ (ii) $(-\frac{294}{113})$ (iii) $(-\frac{286}{109})$ (iv) $(-\frac{96}{37})$ (v) $(-\frac{290}{111})$
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Assignment Key

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