EduSahara™ Assignment

Name : Solving Simple Equations

Chapter : Simple Equations

Grade : SSC Grade VII

1. Solve the equation $x=2$

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

2. Solve the equation $(-\frac{9}{7}x+\frac{7}{2})=0$

   (i) $\frac{49}{18}$ (ii) $\frac{53}{20}$ (iii) $\frac{17}{6}$ (iv) $\frac{47}{18}$ (v) $\frac{45}{16}$

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

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

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

   (i) $\frac{17}{4}$ (ii) $\frac{15}{4}$ (iii) $\frac{9}{2}$ (iv) $\frac{7}{2}$ (v) $\frac{13}{4}$

5. Solve the equation $(-\frac{5}{4}x-\frac{7}{2})=(-7x+6)$

   (i) $\frac{38}{23}$ (ii) $\frac{36}{23}$ (iii) $\frac{40}{23}$ (iv) $\frac{8}{5}$ (v) $\frac{12}{7}$

6. Solve the equation $(-7x-4)=0$

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

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

   (i) 10 (ii) 13 (iii) 9 (iv) 12 (v) 11

8. The linear equation $(x+1)=(2x+7)$ is equivalent to

   (i) $(x+1)=(2x+10)$ (ii) $(x+1)=(2x+4)$ (iii) $(-6)=0$ (iv) $(-2x-6)=0$ (v) $(-x-6)=0$

9. The value of x in terms of other variables and constant in $(-x+8)=(3x-7)$ is

   (i) $x=\frac{9}{2}$ (ii) $x=\frac{15}{4}$ (iii) $x=\frac{17}{4}$ (iv) $x=\frac{7}{2}$ (v) $x=\frac{13}{4}$

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

    (i) 12 (ii) 8 (iii) 10 (iv) 6 (v) 9

11. Solve the equation $x=1$

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

12. Solve the equation $(\frac{7}{3}x+\frac{3}{2})=0$

(i) $(\frac{-9}{14})$ (ii) $(\frac{-9}{16})$ (iii) $(\frac{-1}{2})$ (iv) $(\frac{-3}{4})$ (v) $(\frac{-11}{14})$

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

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

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

(i) $\frac{1}{13}$ (ii) $(\frac{-1}{13})$ (iii) $(\frac{-3}{13})$ (iv) $(\frac{-1}{11})$ (v) $(\frac{-1}{15})$

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

(i) $(\frac{-65}{502})$ (ii) $(\frac{-65}{506})$ (iii) $(\frac{-65}{504})$ (iv) $(\frac{-1}{8})$ (v) $(\frac{-67}{504})$

16. Solve the equation $(7x+6)=0$

(i) $(\frac{-2}{3})$ (ii) $(\frac{-6}{7})$ (iii) $(\frac{-4}{7})$ (iv) $(\frac{-8}{7})$ (v) $(\frac{-6}{5})$

17. Solve the equation $(6x-9)=(-2)$

(i) $\frac{7}{6}$ (ii) $\frac{5}{6}$ (iii) $\frac{9}{8}$ (iv) $\frac{5}{4}$ (v) $\frac{3}{2}$

18. The linear equation $(8x-1)=(-2x-7)$ is equivalent to

(i) $(10x+6)=0$ (ii) $(11x+6)=0$ (iii) $(9x+6)=0$ (iv) $(8x-1)=(-2x-4)$ (v) $(8x-1)=(-2x-10)$

19. The value of x in terms of other variables and constant in $(9x-8)=(x-4)$ is

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

20. Solve the equation $(x+6)=0$

(i) -7 (ii) -6 (iii) -5 (iv) -3 (v) -8

Assignment Key

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