



Class -VIII LINEAR EQUATION-V
TEST PAPER [TOTAL MARKS-25]

1. $x+7-\frac{8x}{3}=\frac{17}{6}-\frac{5x}{8}$

2. $\frac{3t-2}{4}-\frac{2t+3}{3}=\frac{2}{3}-t$

3. $\frac{x+2}{6}-\left[\frac{11-x}{3}-\frac{1}{4}\right]=\frac{3x-4}{12}$

4. $x-\frac{2x+8}{3}=\frac{1}{4}\left(x-\frac{2-x}{6}\right)-3$

5. $0.16(5x-2)=0.4x+7$

6. $\frac{2}{5x}(9x+4)=10$

7. $\frac{17-3x}{5}-\frac{4x+2}{3}=5-6x+\frac{7x+14}{3}$

8. $\frac{x+2}{3}-\frac{x+1}{5}=\frac{x-3}{4}-1$

9. $(2x+3)^2+(2x-3)^2=(8x+6)(x-1)+22$

10. $\frac{2x+5}{3}=3x-10$

11. $\frac{a-8}{3}=\frac{a-3}{2}$

12. $\frac{7y+2}{5}=\frac{6y-5}{11}$

13. $x-2x+2-\frac{16}{3}x+5=3-\frac{7}{2}x$



$$14. \quad \frac{x}{2} + 7x - 6 = 7x + \frac{1}{4}$$

$$15. \quad \frac{3x}{4} + 4x = \frac{9}{8} + 6x - 6$$

$$16. \quad \frac{7x}{2} - \frac{5x}{2} = \frac{20x}{3} + 10$$

$$17. \quad \frac{6x+1}{2} + 1 = \frac{7x-3}{3}$$

$$18. \quad \frac{3a-2}{3} + \frac{2a+3}{2} = a + \frac{7}{6}$$

$$19. \quad x - \frac{(x-1)}{2} = 1 - \frac{(x-2)}{3}$$

$$20. \quad \frac{3x}{4} - \frac{(x-1)}{2} = \frac{(x-2)}{3}$$

$$21. \quad \frac{5x}{3} - \frac{(x-1)}{4} = \frac{(x-3)}{5}$$

$$22. \quad \frac{(1-2x)}{7} - \frac{(2-3x)}{8} = \frac{3}{2} + \frac{x}{4}$$

$$23. \quad \frac{9x+7}{2} - \left[x - \frac{(x-2)}{7} \right] = 36$$

$$24. \quad \frac{4x}{9} + \frac{1}{3} + \frac{13x}{108} = \frac{8x+19}{18}$$

$$25. \quad \frac{3x+5}{2x+7} = 4$$