



SACRED HEART SCHOOL

Maharana Pratap Chowk, Jhumri Telaiya, Koderma

Website: <http://www.sacredheartkoderma.org/>

MATHS

Class – VIII

Solve:

1. $8x + 3 = 27 + 2x$

2. $5x + 7 = 2x - 8$

3. $2z - 1 = 14 - z$

4. $9x + 5 = 4(x - 2) + 8$

5. $\frac{7y}{5} = y - 4$

6. $3x + \frac{2}{3} = 2x + 1$

7. $15(y - 4) - 2(y - 9) + 5(y + 6) = 0$

8. $3(5x - 7) - 2(9x - 11) = 4(8x - 13) - 17$

9. $\frac{x-5}{2} - \frac{x-3}{5} = \frac{1}{2}$

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

11. $\frac{2x+7}{5} - \frac{3x+11}{2} = \frac{2x+8}{3} - 5$

12. $\frac{5x-4}{6} = 4x+1 - \frac{3x+10}{2}$

13. $5x - \frac{1}{3}(x+1) = 6\left(x + \frac{1}{30}\right)$

14. $4 - \frac{2(z-4)}{3} = \frac{1}{2}(2z+5)$