

## Linear Equations in Two Unknowns

6. Solve the simultaneous equations  $\begin{cases} 2x - 5y = 5 \\ 2x - 3y = 15 \end{cases}$  by the method of elimination.

7. Solve the simultaneous equations:  $10 - x - 2y = 2x + y + 7 = 5$

8. Solve the simultaneous equations:  $9x - 4y + 1 = 2y + 3x + 2 = 0$

9. Solve the simultaneous equations:  $\begin{cases} 8s - 3t = 7 \\ 8s + 5t = -1 \end{cases}$

10. Solve the simultaneous equations:  $\begin{cases} \frac{x}{6} - \frac{y}{3} = 4 \\ \frac{x}{2} + y = 4 \end{cases}$