

Linear Equations in Two Variables

Class 9 Worksheet



perfectworksheets.com

Write each of the following equations in the form $ax + by + c = 0$ and indicate the values of a, b, c in each case.

(i) $3 = 2x + y$

Space for Solving

(ii) $3x - 8 = 5y$

Space for Solving

(iii) $x = -6y$

Space for Solving

(iv) $\frac{3x}{4} - \frac{5y}{2} = 5$

Space for Solving

(v) $y = 5$

Space for Solving

(vi) $\pi x + y = x - 2$

Space for Solving

(vii) $3x - 5y = 2x + y$

Space for Solving

Write each of the following equations in the form $ax + by + c = 0$ and indicate the values of a, b, c in each case.

(i) $-3y + 4x = 2x + y$

Space for Solving

(ii) $-5x - 9 = -3y$

Space for Solving

(iii) $x = 4$

Space for Solving

(iv) $\frac{2x}{3} - \frac{5y}{3} = \frac{5x}{6} - 2$

Space for Solving

(v) $\frac{y - 3x}{3} = 5x - 15$

Space for Solving

(vi) $\frac{x - y}{3} = \frac{5x - 3y}{2} + 4$

Space for Solving