

Pair of Linear Equations in two Variables : Worksheet -2

1. Check whether the following equations are consistent or inconsistent.

(a) $3x + 2y = 5$
 $2x - 3y = 7$

(b) $2x - 3y = 8$
 $4x - 6y = 9$

(c) $\frac{2}{3}x + \frac{5}{3}y = 7$
 $9x - 10y = 14$

(d) $5x - 3y = 11$
 $-10x + 6y = -22$

(e) $\frac{4}{3}x + 2y = 8$
 $2x + 3y = 12$

(f) $x + y = 5$
 $2x + 2y = 10$

(g) $x - y = 8$
 $3x - 3y = 16$

(h) $2x + y - 6 = 0$
 $4x - 2y - 4 = 0$

(i) $2x - 2y - 2 = 0$
 $4x - 4y - 5 = 0$

