

Chapter 3 – Linear Equations in two Variables

Answers

1. (c)
2. $ax + by - c = 0$, where $a^2 + b^2 \neq 0$
3. intersect at a point or are parallel or are coincident
- 4.
5. (a)
6. $x + 0y = 3$
7. angle = 90°
8. $x = a, y = b$
9. Consistent. $X = 1, y = -1$
10. $p = \pm 6, p = 0, 6$
 $\therefore p = 6$
12. Cost of 1 Kg Oranges = Rs 30
Cost of 1 Kg grapes = Rs 50
13. Time taken by 1 boy to finish work = 18 days
Time taken by 1 man to finish work = 36 days
14. 60km/h, 80km/h
15. Rs 910