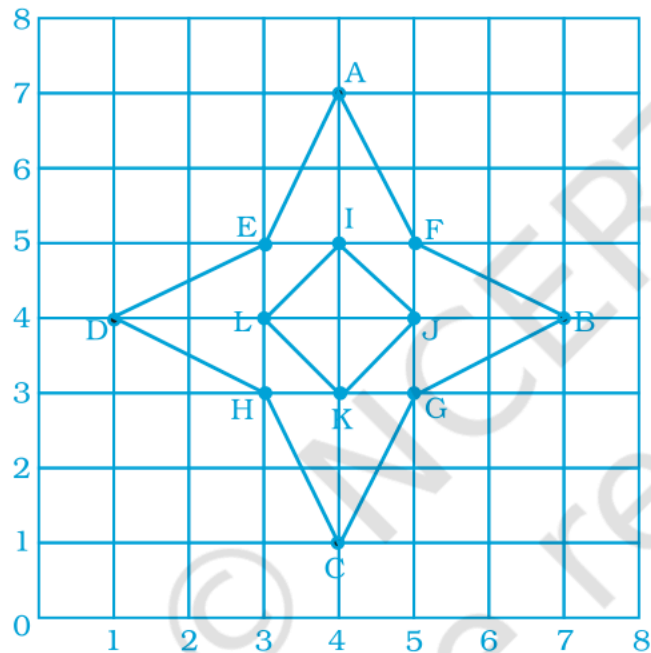


Example 8 : Write the coordinates of all the points in the given graph.



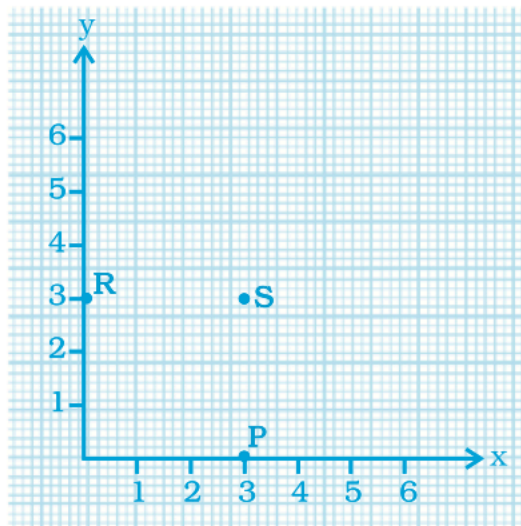
4. In the given graph the letter that indicates the point $(0, 3)$ is

(a) P

(b) Q

(c) R

(d) S



5. The point $(3, 4)$ is at a distance of

(a) 3 from both the axis

(b) 4 from both the axis

(c) 4 from the x axis and
3 from y axis

(d) 3 from x axis and
from y axis

11. _____ displays data that changes continuously over periods of time.
12. The relation between dependent and independent variables is shown through a _____.
13. We need _____ coordinates for representing a point on the graph sheet.
14. A point in which the x -coordinate is zero and y -coordinate is non-zero will lie on the _____.
15. The horizontal and vertical line in a line graph are usually called _____ and _____.
16. The process of fixing a point with the help of the coordinates is known as _____ of the point.
17. The distance of any point from the y -axis is the _____ coordinate.
18. All points with y -coordinate as zero lie on the _____.
19. For the point (5, 2), the distance from the x -axis is _____ units.
20. The x -coordinate of any point lying on the y -axis will be _____.
21. The y -coordinate of the point (2, 4) is _____.
22. In the point (4, 7), 4 denotes the _____.

3. The compound interest on Rs 50,000 at 4% per annum for 2 years compounded annually is

- (a) Rs 4,000 (b) Rs 4,080 (c) Rs 4,280 (d) Rs 4,050

4. If marked price of an article is Rs 1,200 and the discount is 12% then the selling price of the article is

- (a) Rs 1,056 (b) Rs 1,344 (c) Rs 1,212 (d) Rs 1,188

5. If 90% of x is 315 km, then the value of x is

- (a) 325 km (b) 350 km (c) 350 m (d) 325 m

- 42.** The cost of a tape-recorder is Rs 10,800 inclusive of sales tax charged at 8%. The price of the tape-recorder before sales tax was charged is _____.
- 43.** 2500 is greater than 500 by _____%.
- 44.** Four times a number is a _____% increase in the number.
- 45.** 5% sales tax is charged on an article marked Rs 200 after allowing a discount of 5%, then the amount payable is _____.

70. Find discount in per cent when

(a) M.P. = Rs 625 and S.P. = Rs 562.50

(b) M.P. = Rs 900 and S.P. = Rs 873