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Class - $\mathbf{9}^{\text {th }}$
Worksheet-10

Chapter-3
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Subject Maths<br>Coordinate Geometry

1. Locate the points $(5,0),(0,5),(2,5),(5,2),(-3,5),(-3,-5),(5,-3)$ and $(6,1)$ in the Cartesian plane.
2. Plot the following ordered pairs $(x, y)$ of numbers as points in the Cartesian plane. Use the scale $1 \mathrm{~cm}=1$ unit on the axes.

| $\boldsymbol{x}$ | -3 | 0 | -1 | 4 | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\boldsymbol{y}$ | 7 | -3.5 | -3 | 4 | -3 |

3. Plot the points $(x, y)$ given in the following table on the plane, choosing suitable units of distance on the axes.

| $\boldsymbol{x}$ | -2 | -1 | 0 | 1 | 3 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\boldsymbol{y}$ | 8 | 7 | -1.25 | 3 | -1 |

