

The full four-quadrant co-ordinate plane

MODULE 8 · LOCATION, TRANSFORMATIONS AND SCALE REVIEW

HOW TO ANSWER TODAY

- **Distance on an axis.** If the two points share x or y, subtract the OTHER coordinates. Answer is in units.

(2, 5) and (2, 9) share $x=2 \rightarrow 9 - 5 = 4$ units

- **Quadrants.** Q1 is top-right; numbering goes ANTICLOCKWISE. A point on an axis is on the axis, not in a quadrant.

(3, 5) \rightarrow Q1 · (-2, 1) \rightarrow Q2 · (0, 4) \rightarrow on the y-axis

