

Drawing a shape from a list of co-ordinates

MODULE 7 · DATA, CHANCE AND THE CO-ORDINATE PLANE

SHAPE & SPACE

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