Cartesian plane topic test

Name: _____ Date: _____

12 questions | 19 marks | 30 minutes

Coordinate reading, plotting and movement on equal-unit grids.

No calculator needed.

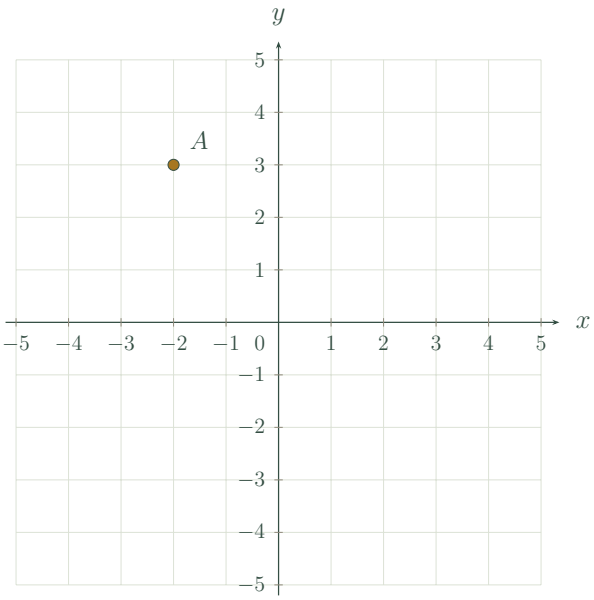
1. Name the horizontal coordinate axis. [1 mark]

2. Give the coordinates of the origin. [1 mark]

3. Which quadrant contains $(-4, -2)$? [1 mark]

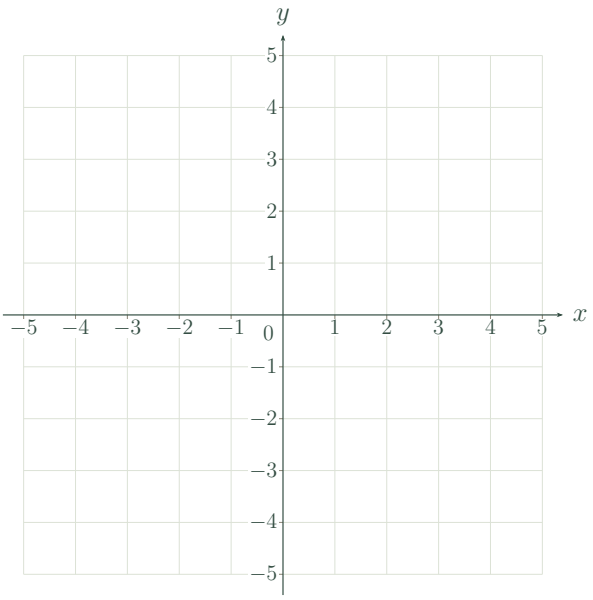
4. A point is $(0, 4)$. Name its axis and explain whether it is inside a quadrant. [2 marks]

5. Read the coordinates of A. [1 mark]



Each grid interval is 1 unit

6. Plot $P = (4, -3)$ on the grid. [2 marks]



Each grid interval is 1 unit

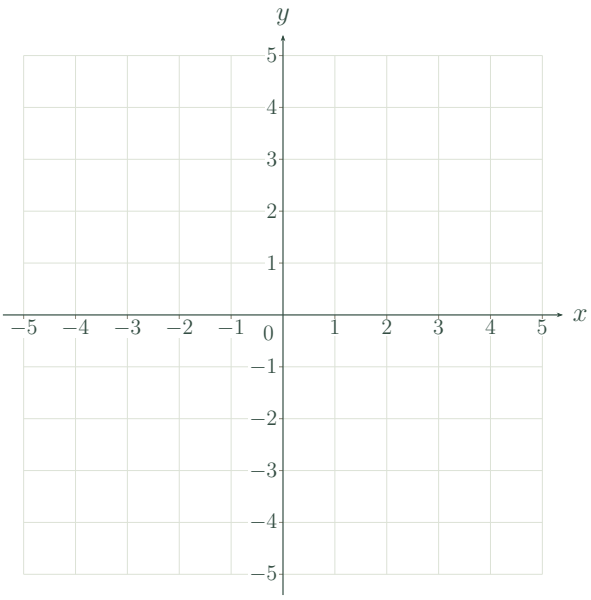
7. For the point $(2, -1)$, a student writes $(-1, 2)$. Explain why these are different points. [2 marks]

8. Start at $(-3, 2)$. Move 4 right and 5 down. Find the final coordinates. [2 marks]

9. Reflect $(-2, -4)$ in the x-axis. [1 mark]

10. Reflect $(4, 1)$ in the y-axis. [1 mark]

11. Plot $A = (-3, -3)$, $B = (2, -3)$, $C = (2, 1)$. Join A-B-C-A. [3 marks]



Each grid interval is 1 unit

12. A point moves from $(-4, 2)$ to $(1, -2)$ using one horizontal slide and one vertical slide. Describe the two moves. [2 marks]