



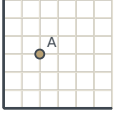
These questions cover coordinates and translation on a grid, taught during Year 4. No calculators.

Name:

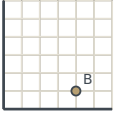
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Section A: Coordinates

1. Look at the grid. What are the coordinates of point A?



2. Look at the grid. What are the coordinates of point B?



3. What is the x-coordinate of the point (5,2)?

4. What is the y-coordinate of the point (5,2)?

5. What is the point (0,0) called?

6. Write the coordinates of a point 2 right and 3 up from the origin.

Section B: Translation

1. A point starts at (1,1). It moves 2 squares right. What are its new coordinates?

2. A point starts at (3,2). It moves 1 square up. What are its new coordinates?

3. A point moves from (2,2) to (2,5). Describe the movement.

4. A point moves from (1,1) to (4,1). Describe the movement.

5. A point starts at (0,0). It moves 3 right and 2 up. What are its new coordinates?

6. A shape moves 2 squares left. A corner was at (5,3). Where is it now?

7. True or False: moving “up” changes the x-coordinate.

8. True or False: moving “right” changes the x-coordinate.