



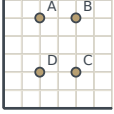
These questions cover coordinates and translation on a grid, taught during Year 4. No calculators.

Name:

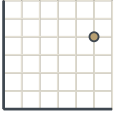
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Section A: Coordinates

1. Plot A(2,5), B(4,5), C(4,2), D(2,2). What shape do they make when joined?



2. What are the coordinates of the marked point?



3. A rectangle has corners at (1,1), (1,4) and (5,4). What is the fourth corner?

4. Write the coordinates of a point exactly halfway between (2,2) and (2,8).

5. Plot the point (0,5). Which axis is it on?

6. A square has one corner at (3,3) and sides of length 2, extending right and up. Give the other three corners.

Section B: Translation

1. A point at (2,3) is translated 3 right and 2 up. What are its new coordinates?

2. A point at (6,5) is translated 4 left and 1 down. What are its new coordinates?

3. Describe the translation from (1,1) to (5,4).

4. Describe the translation from (7,6) to (2,6).

5. A shape with corners (1,1),(3,1),(3,3),(1,3) is translated 2 right and 3 up. Give the new corners.

6. A point is translated 3 left and 2 down, ending at (4,4). What were its original coordinates?