



Coordinates & Graphs

Silver

These Silver questions extend coordinate and graph skills to translations, reflections, and interpreting data.

Name: _____ Date: _____

Section A: Coordinates

1. Plot or describe the point (4, 6).

2. A point at (2, 3) is translated 4 right and 2 up. What are its new coordinates?

3. A shape is reflected in a vertical mirror line. Does its size change?

4. A point at (5, 1) is translated 3 left. What are its new coordinates?

5. What is the coordinate of the origin?

Section B: Graphs & Data

1. A line graph shows temperature rising steadily. What does this tell you about the rate of change?

2. A bus timetable shows a bus every 20 minutes starting at 08:00. What time is the 4th bus?

3. What type of graph is best for showing change over time?

4. If a graph's line is flat, what does that suggest is happening to the data?

5. A journey starts at 14:20 and a graph shows it finishing at 15:55. How long did the journey take?

