ZiloAcademy

✨ Grade 6 Maths — Transformations ✨

Name: Demo Grade 6 **Date:** 26/11/2026

1. A point is at (8, 12). It is rotated 180° anticlockwise about the origin (0, 0). What is its new position?

2. A point is at (2, 1). It is translated 7 right and 2 down. What is its new position?

3. A point is at (10, 6). It is reflected across the x-axis. What is its new position?

4. A point moves from (3, 4) to (-3, 4). Was this a translation, reflection, or rotation?

5. A point is at (8, -11). It is reflected across the x-axis. What is its new position?

6. A point is at (3, -10). It is reflected across the y-axis. What is its new position?

7. A point is at (11, -7). It is translated 8 left and 4 down. What is its new position?

8. A point is at (12, -12). It is translated 7 right and 11 down. What is its new position?

9. A point moves from (-3, 10) to (0, 15). Was this a translation, reflection, or rotation?

10. A point is at (6, 10). It is rotated 90° anticlockwise about the origin (0, 0). What is its new position?