ZiloAcademy

✨ Grade 9 Maths — Transformations ✨

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

1. Point (1, 3) is rotated 90° anticlockwise about the origin. What are the new coordinates? (format: (a,b), no spaces)

2. Point (6, -5) is enlarged by scale factor 3 from the origin. What are the new coordinates? (format: (a,b), no spaces)

3. Point (3, -5) is enlarged by scale factor 3 from the origin. What are the new coordinates? (format: (a,b), no spaces)

4. Point (3, 1) is enlarged by scale factor 3 from the origin. What are the new coordinates? (format: (a,b), no spaces)

5. Point (3, -4) is enlarged by scale factor 2 from the origin. What are the new coordinates? (format: (a,b), no spaces)

6. Point (2, 4) is reflected across the x-axis. What are the new coordinates? (format: (a,b), no spaces)

7. Point (-6, 6) is translated 6 units right and 1 units down. What are the new coordinates? (format: (a,b), no spaces)

8. Point (-5, -4) is translated 4 units left and 6 units up. What are the new coordinates? (format: (a,b), no spaces)

9. Point (-7, -6) is reflected across the x-axis. What are the new coordinates? (format: (a,b), no spaces)

10. Point (4, 2) is reflected across the x-axis. What are the new coordinates? (format: (a,b), no spaces)