ZiloAcademy

✨ Grade 10 Maths — Transformations & Symmetry ✨

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

1. The point (8, 4) is translated 6 units left and 6 units down. Find the image. (format like (-3,5))

2. The point (-8, 2) is rotated 90° anticlockwise about the origin. Find the image. (format like (-3,5))

3. The point (-3, -3) is rotated 90° clockwise about the origin. Find the image. (format like (-3,5))

4. The point (4, -4) is reflected in the line y = x. Find the image. (format like (-3,5))

5. The point (-6, -1) is translated 4 units right and 6 units down. Find the image. (format like (-3,5))

6. The point (4, -7) is reflected in the x-axis. Find the image. (format like (-3,5))

7. The point (-5, 4) is reflected in the y-axis. Find the image. (format like (-3,5))

8. How many lines of symmetry does an equilateral triangle have?

9. The point (-3, 6) is translated 5 units right and 5 units up. Find the image. (format like (-3,5))

10. The point (5, 4) is enlarged by a scale factor of -2 about the origin. Find the image. (format like (-3,5))