

Exercise 1

2D Transformation (Reflection)

1. Write the steps rotate an object about an arbitrary point (X_p, Y_p) .
2. Perform a 45° rotation of triangle , $A(1, 1)$, $B(2, 3)$, $C(5, 2)$ (a) about the origin and (b) about $P' (-1, -1)$.