

# Why Do Owls Get Invited to Parties?



**Part I.** Match each graph (A) to the correct rotation around the origin (A').

①

②

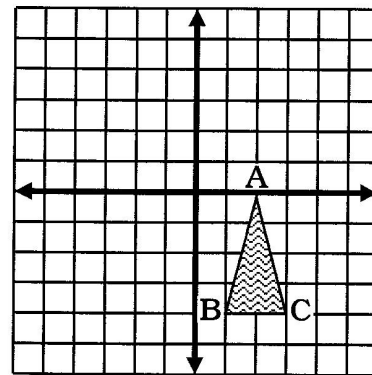
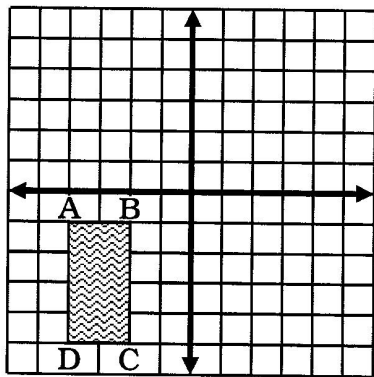
③

④

- Y 90° Clockwise    
  E 90° Counter-Clockwise    
  H 180°    
  T Not a Rotation

Answers for Part 1	3	1	2	4

**Part 2.** Rotate the image around the origin, and find the new coordinates below.



- A Rotate 90° clockwise. What are the new coordinates for A'?

O Rotate 90° clockwise. What are the new coordinates for B'?

E Rotate 90° counter-clockwise. What are the new coordinates for C'?

T Rotate 180°. What are the new coordinates for D'?

H Rotate 90° clockwise. What are the new coordinates for A'?

R Rotate 90° clockwise. What are the new coordinates for B'?

A Rotate 90° counter-clockwise. What are the new coordinates for C'?

O Rotate 180°. What are the new coordinates for A'?

Answers for Part 2	(4,3)	(-4,-1)	(5,-2)	(3,4)	(-1,4)	(1,2)	(0,-2)	(-2,0)	(-1,2)	(4,5)