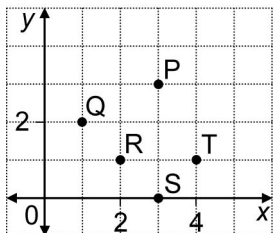


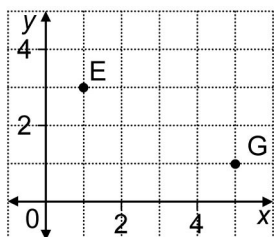
# Coordinates and Design

1. Use the grid below to answer the following questions.



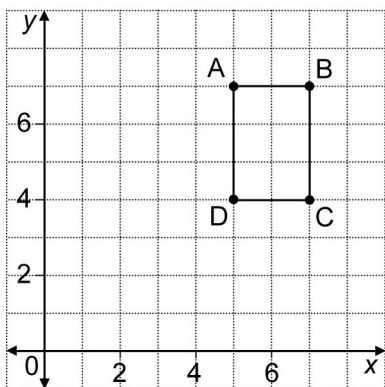
- Which point has the coordinates  $(2, 1)$ ?
- What are the coordinates of P?
- What is the vertical distance between points P and S?
- What is the horizontal distance between R and T?

2. Use the grid below to answer the following questions.



- Draw a rectangle, EFGH, that has vertical and horizontal sides.
- What are the coordinates for points F and H?
- What are the length and width of the sides of rectangle EFGH?

3. Use the grid below to answer the following questions.



- Rotate rectangle ABCD  $180^\circ$  about point D.
- What are the coordinates of point B'?