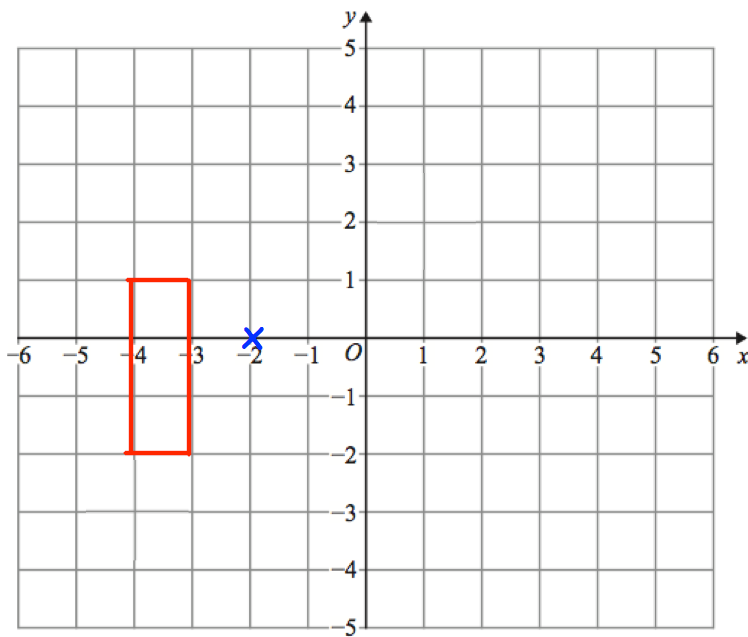
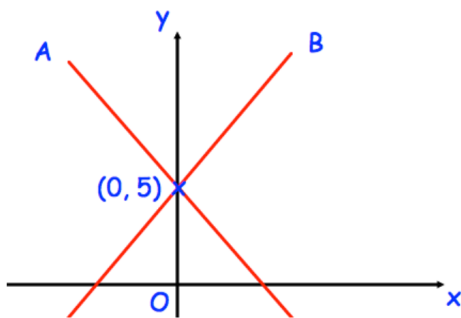


22nd September



Enlarge the rectangle by scale factor -2, centre of enlargement (-2, 0)

At a football match, the ratio of women to men is 2:3.  
 The ratio of women to children is 7:6.  
 What percentage of the people at the rugby match are men?



The lines A and B are perpendicular.  
 Both lines pass through the point (0, 5)  
 The gradient of line A is  $-\frac{3}{4}$   
 Write down the equation of line B

Simplify

$$\frac{x^2 - 2x - 8}{x^2 + 6x - 40}$$