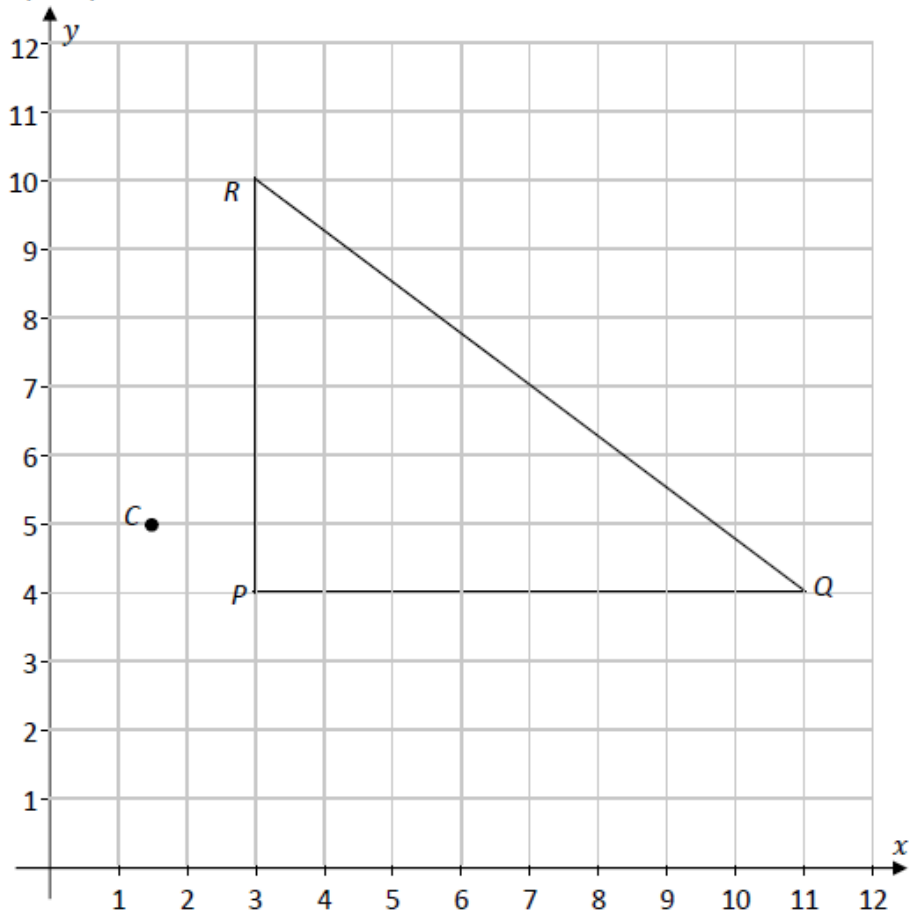


Question 9

(50 marks)

- (a) The triangle  $PQR$  is shown in the diagram below, where  $P = (3, 4)$ ,  $Q = (11, 4)$  and  $R = (3, 10)$ .



- (i) Draw the triangle  $ABC$  on the same diagram, where  $A = (1.5, 2)$ ,  $B = (5.5, 2)$ , and  $C = (1.5, 5)$ .

**Note:** the point  $C$  is already marked in for you.

