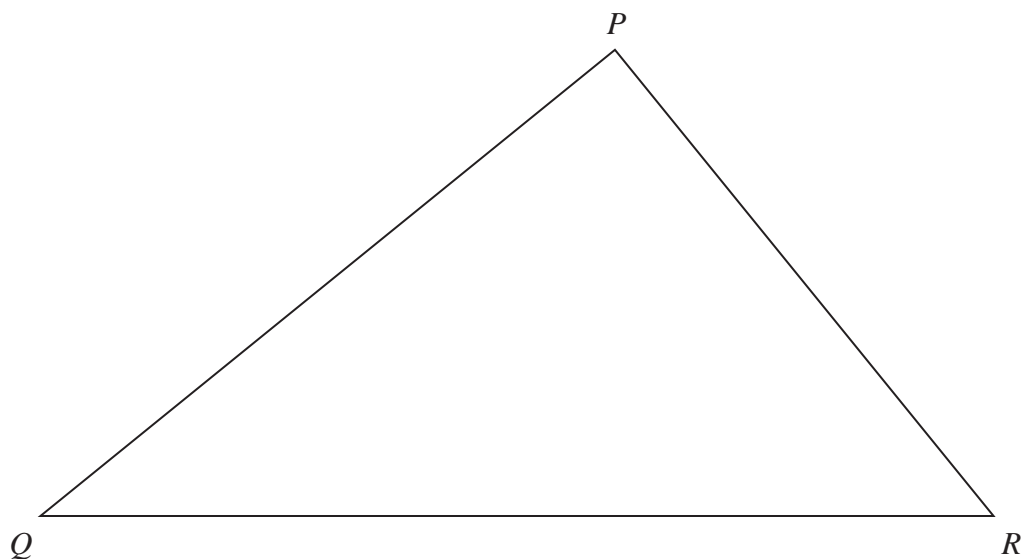


28



PQR is a triangle.

Leaving in all of your construction lines, construct the locus of all points inside the triangle which are

- (a) 6 cm from P , (1)
- (b) equidistant from Q and R , (2)
- (c) equidistant from the lines QP and QR . (2)

The region **T** consists of all the points inside the triangle which are less than 6 cm from P , closer to R than to Q and closer to QR than to QP .

- (d) Show, by shading, the region **T**. Label the region **T**. (1)

(Total for Question 28 is 6 marks)

Turn over for Question 29

