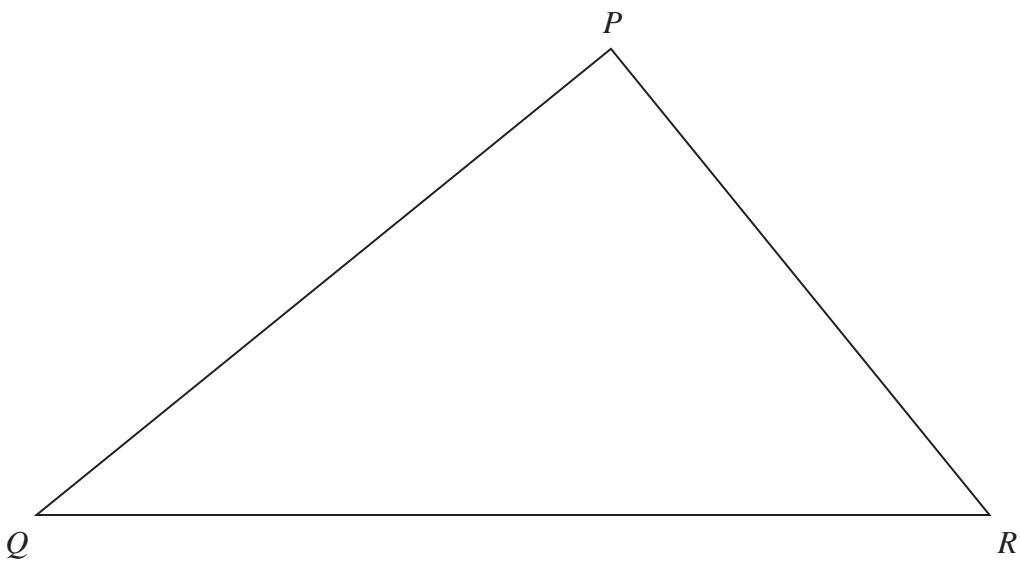


28



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



P 4 8 4 1 1 A 0 1 9 2 4