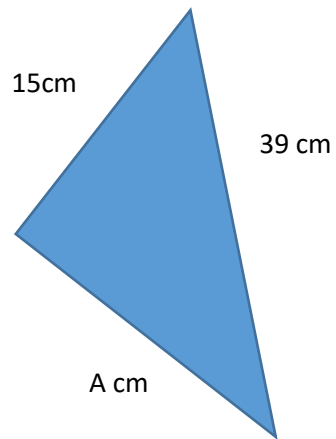
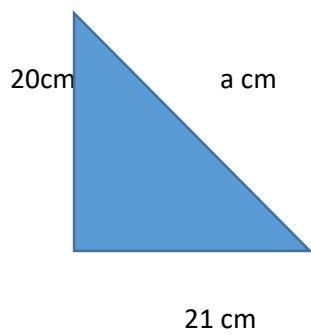
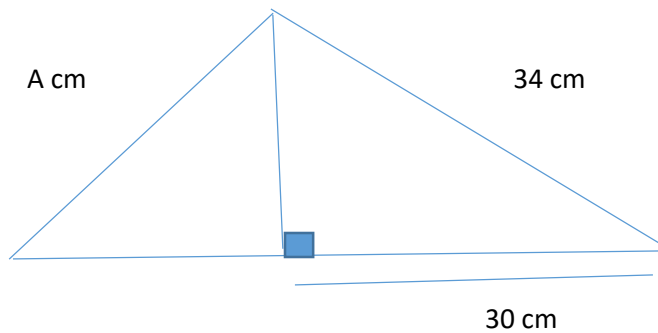


Q1 find the value of the following in each of the following right triangle



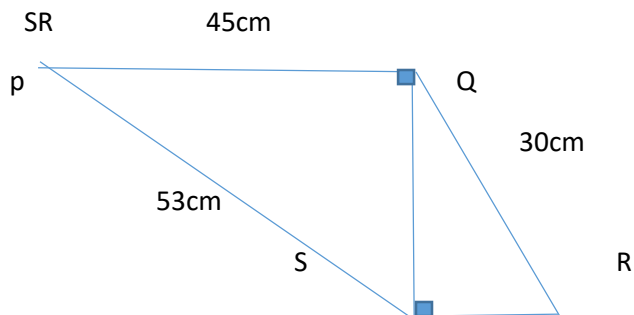
Q2 find the value of each of the following fig



Q3 in fig ,  $\angle PQS = \angle QSR = 90^\circ$ . Given that the  $PQ = 45$  cm ,  $QR = 30$  cm and  $PS = 53$  cm , find the length of

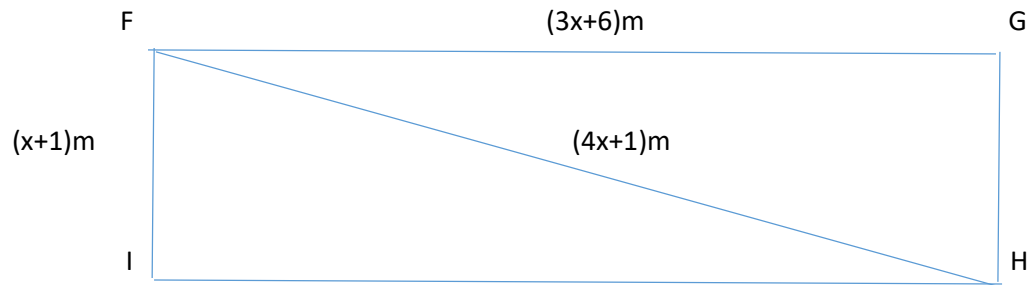
1)  $QS$

2)  $SR$



Do Question 10 of 10A from book

Q4 a campsite in the shape of rectangle FGHI has sides  $(3x+6)m$  and  $(x+1)m$ , and the length of the diagonal FH is  $(4x+1)m$ , find the area of the campsite



Q5 a folded napkin has a cross section of sides  $x$  cm ,  $(x+1)$ cm and  $(x+2)$ cm . if one of the angles of the triangle is 90 deg , find the value of  $x$

Q6 in  $\triangle STU$  ,  $ST = \frac{7}{12}$  cm ,  $TU = \frac{5}{6}$ cm and  $SU = \frac{1}{3}$ cm , is  $\triangle STU$  a right-angled triangle ?