

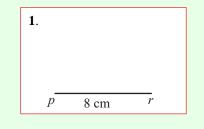
4 (c) (i)

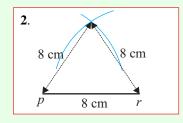
Draw a triangle *abc* whose sides have lengths of |pr| = 8 cm, |pq| = 8 cm and |qr| = 8 cm.

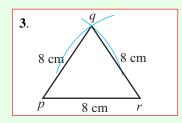
STEP 1: Use a ruler to measure out a line segment [*pr*] of length 8 cm.

STEP 2. Take a compass and use a ruler to measure out a length of 8 cm. Put the point of the compass at p and draw out an arc of the circle. Do the same for the third side. Put the point of the compass at r and draw out an arc of the circle so that it intersects with the other arc.

STEP 3. q is the point of intersection of the two arcs. Join p to q and r to q to complete the construction.







Note: Only approximate lengths are shown in the diagrams.

