6. In triangle PQR, QR = PR and ∠PQR = 65°. QRS is a straight line. Find ∠PRS.
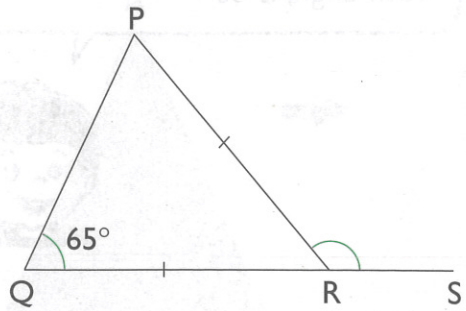
∠PRS = 65° + 65° = ■°
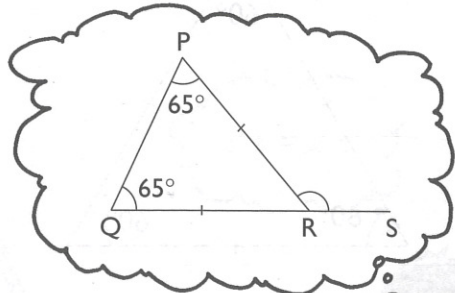
7. In the figure, AB = AC and ∠DCE = 75°. BCD and ACE are straight lines. Find ∠ABC.
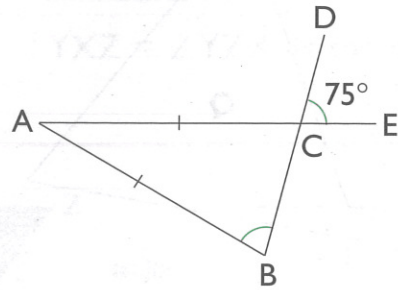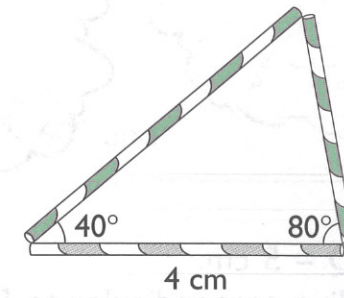

8. BCD is a straight line in each figure. Find the unknown marked angle.
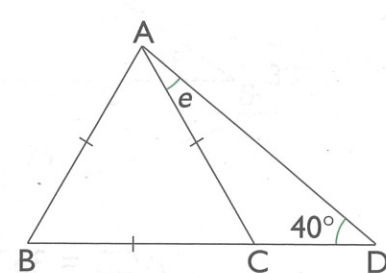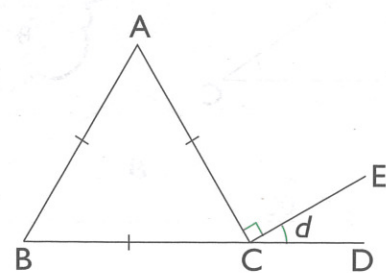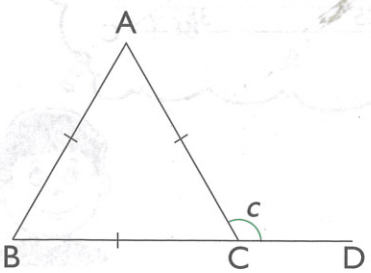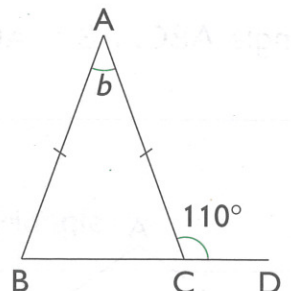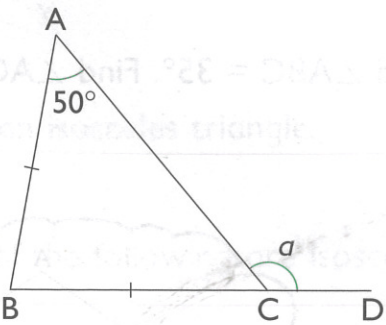
3 Drawing Triangles

Ali uses straws to make a triangle like this:

Then he draws the triangle.

First, I draw the side 4 cm long. Then, I draw the two angles using a protractor.