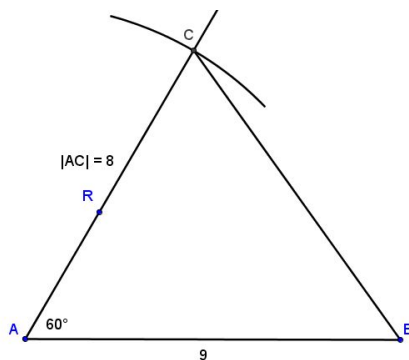


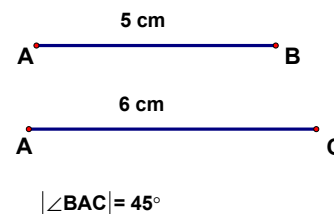
Student Activity Construction 11

Use in connection with the interactive file “construction 11” on the Student’s CD.

Construction 11: To construct a triangle given SAS data.



1. Construct a triangle ABC given the lengths of two sides and one angle as shown.



2. In the triangle drawn in question 1 measure the other two angles. _____

Find the sum of the three angles _____

Find the measure of the third side of the triangle. _____

3. Construct a triangle PQR such that $|PQ| = 4.5$ cm, $|QR| = 5.5$ cm and $|\angle PQR| = 50^\circ$.