

Construction of Right Angles Triangle when its Hypotenuse and one side are given

1. Construct a ΔABC in which $AC = CB = 7.3$ cm, and $\angle B = 45^\circ$. Is this a right angle triangle?
2. Draw a right angle triangle ΔABC , right-angled at A, with $AB = 3$ cm and $BC = 5$ cm.
3. Construct a right-angled triangle whose hypotenuse is 6 cm long and one of the legs is 4 cm long.
4. Construct a triangle ΔWAS with $\angle W = 90^\circ$, $WA = 6$ cm and $\angle S = 50^\circ$.
5. Construct a triangle ΔABC with $\angle B = 90^\circ$, $AB = 8$ cm and $BC = 6$ cm.
6. Construct a triangle ΔISR with $\angle I = 90^\circ$, $IS = 4$ cm and $SR = 8$ cm.