

ASSIGNMENT 3

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- **Question:** Construct an isosceles triangle whose base is $a = 8\text{cm}$ and altitude is $AD = h = 4\text{cm}$

- **Solution:**

Given,

Base : $a = 8\text{cm}$, and

Altitude : $AD = h = 4\text{cm}$

Steps of construction:

- 1: Draw the base line of length 8 cm.
- 2: At the mid point of base line draw a perpendicular of length 4 cm.
- 3: Join the starting and end points of base line with the top of perpendicular.

Now, using Latex-tikz below is the required triangle.

