3.2.32

AI25BTECH11016-Varun

Question:

Draw a right triangle ABC in which BC = 12 cm, AB = 5 cm and $\angle B = 90°$.
Solution:
Let's consider the triangle with vertices,

$$\mathbf{A} = \begin{pmatrix} 0 \\ 5 \end{pmatrix} \mathbf{B} = \begin{pmatrix} 0 \\ 0 \end{pmatrix} \mathbf{C} = \begin{pmatrix} 12 \\ 0 \end{pmatrix} \tag{1}$$
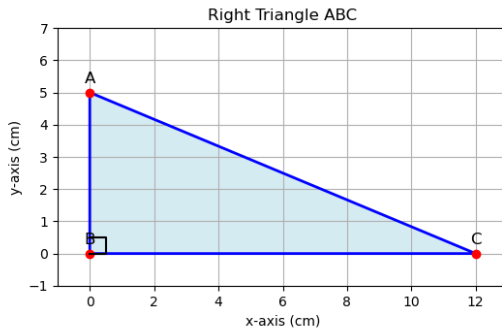

Fig. 0.1