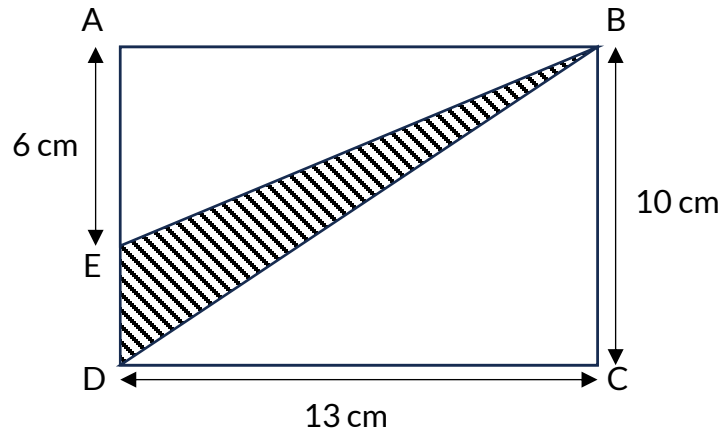


AREA OF TRIANGLE

The figure below shows a rectangle ABCD and a shaded triangle EBD. AE = 6 cm. Find the area of the shaded triangle.

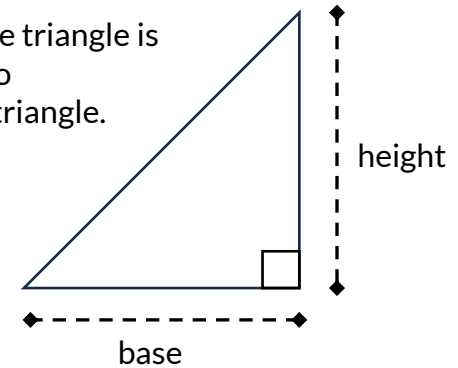


Height of Triangle: $10\text{ cm} - 6\text{ cm} = 4\text{ cm}$

Base of Triangle: 13 cm

Area of Triangle: $\frac{1}{2} \times 4\text{ cm} \times 13\text{ cm} = 26\text{ cm}^2$

The height of the triangle is perpendicular to the base of the triangle.



$$\frac{1}{2} \times \text{Base} \times \text{Height}$$



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