

Mathematics

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(Chapter – 12) (Heron's Formula)(Exemplar Problems)

(Class – IX)

Exercise 12.2

Write **True** or **False** and justify your answer:

Question 1:

The area of a triangle with base 4 cm and height 6 cm is 24cm^2

Answer 1:

False:

We know that, area of a triangle = $\frac{1}{2} (\text{base} \times \text{height})$

Here Base = 4 cm and Height = 6 cm

Area of a triangle = $\frac{1}{2} \times 4 \times 6 = 12\text{ cm}^2$

