

# 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 7:

The area of a regular hexagon of side 'a' is the sum of the areas of the five equilateral triangles with side  $a$ .

 **Answer 7:**

False

We, know that, regular hexagon is divided into six equilateral triangles

∴ Area of a regular hexagon of side  $a$

= Sum of area of the six equilateral triangles.

