

Mathematics

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(Chapter – 7) (Triangles)(Exemplar Problems)
(Class – IX)

Exercise 7.1

Write the correct answer in each of the following:

Question 3:

In ΔABC , $AB = AC$ and $\angle B = 50^\circ$. Then $\angle C$ is equal to

- (A) 40° (B) 50° (C) 80° (D) 130°

 **Answer 3:**

- (B) 50°

Solution:

In a triangle, if two of its sides are equal then the angles opposite to equal sides are also equal.

In ΔABC , $AB = AC$ and $\angle B = 50^\circ$, so $\angle C = 50^\circ$.

Hence, the option (B) is correct.

