

Triangles

1. Tick (✓) the correct option.

a. In $\angle ABC$ vertex is _____.

- i) A ☐ ii) B ☐ iii) C ☐ iv) $\angle AOB$ ☐

b. In a right angle triangle, one angle is of _____.

- i) 45° ☐ ii) 50° ☐ iii) 60° ☐ iv) 90° ☐

c. At 3:00 O'clock, angle formed by hands of a watch is _____.

- i) 30° ☐ ii) 45° ☐ iii) 90° ☐ iv) 110° ☐

d. In an equilateral triangle, each angle is _____.

- i) 25° ☐ ii) 30° ☐ iii) 60° ☐ iv) 20° ☐

e. Rays forming $\angle PQR$ are _____.

- i) PQ and QR ☐ ii) PR and PQ ☐
iii) QR and QP ☐ iv) RQ and PR ☐

f. Acute angle _____ obtuse angle.

i) <

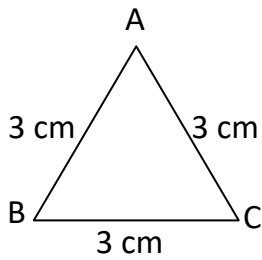
ii) >

iii) =

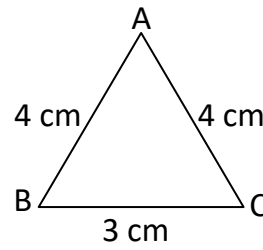
iv) None of these

2. Classify the following triangles as equilateral, isosceles, and scalene triangle.

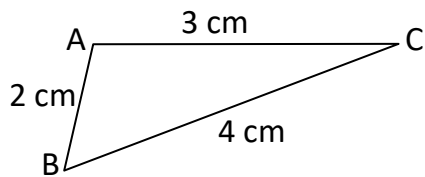
a.



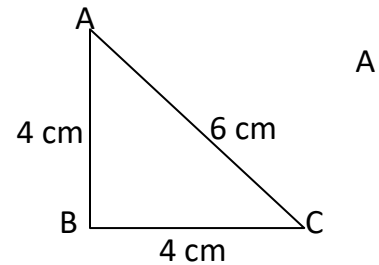
b.



c.

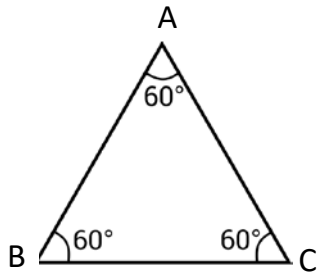


d.

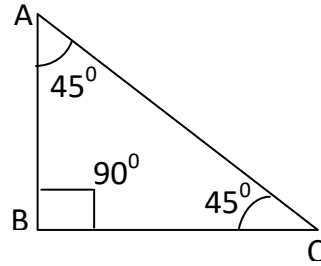


3. Classify the following triangles as acute-angle, right-angle, obtuse-angle triangle.

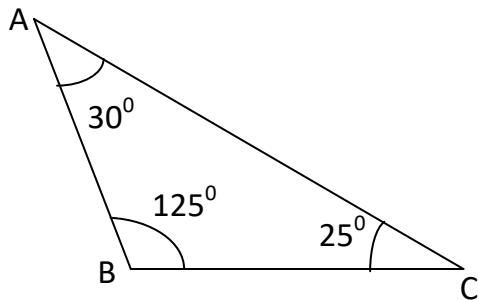
a.



b.



c.



d.

