

Properties of Triangles Ex 15.1 Q8

Answer:

- (i) This triangle is a scalene triangle because no two sides are equal.
- (ii) This triangle is an isosceles triangle because two of its sides, viz. PQ and PR, are equal.
- (iii) This triangle is an equilateral triangle because all its three sides are equal.
- (iv) This triangle is a scalene triangle because no two sides are equal.
- (v) This triangle is an isosceles triangle because two of its sides are equal.

Properties of Triangles Ex 15.1 Q9

Answer:

- (i) This is a right triangle because one of its angles is 90 $^{\circ}$.
- (ii) This is an obtuse triangle because one of its angles is 120° , which is greater than 90° .
- (iii) This is an acute triangle because all its angles are acute angles (less than 90°).
- (iv) This is a right triangle because one of its angles is 90°.
- (v) This is an obtuse triangle because one of its angles is 110 $^{\circ},$ which is greater than 90 $^{\circ}.$

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