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 $90°$.

(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 $110°$, which is greater than $90°$.

********** END *********