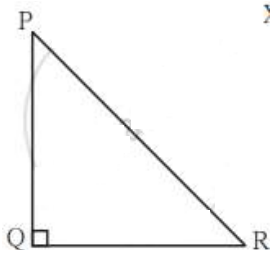
Chapter 15: Triangles and Their Properties

PRACTICE SET 36 [PAGE 80]

Practice Set 36 | Q 1.1 | Page 80

Observe the figure below and write the type of the triangle based on its angles.



Δ PQR is ... triangle

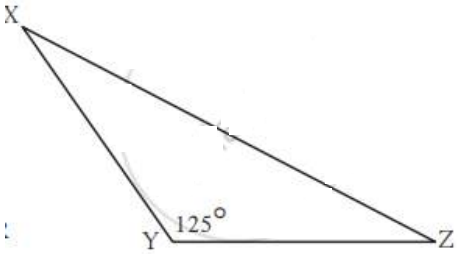
SOLUTION

In △PQR, ∠Q = 90° (a right angle)

Therefore, △PQR is a right-angle triangle.

Practice Set 36 | Q 1.2 | Page 80

Observe the figure below and write the type of the triangle based on its angles.



Δ XYZ is ... triangle

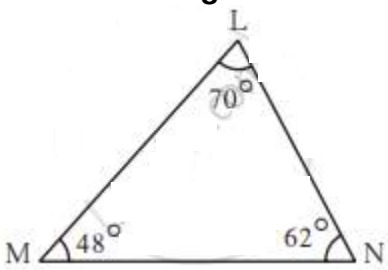
SOLUTION

In △XYZ, ∠Y = 125° (an obtuse angle)

Therefore, △XYZ is an obtuse angle triangle.

Practice Set 36 | Q 1.3 | Page 80

Observe the figure below and write the type of the triangle based on its angles.



Δ LMN is ... triangle

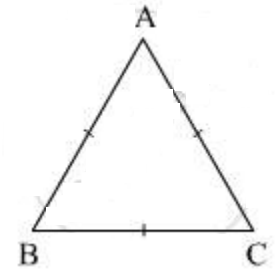
SOLUTION

In △LMN, all angles are acute angles.

Therefore, △LMN is an acute angle triangle.

Practice Set 36 | Q 2.1 | Page 80

Observe the figure below and write the type of the triangle based on its sides.



Δ ABC is ... triangle

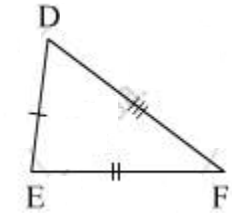
SOLUTION

In △ABC, all sides are equal.

Therefore, △ABC is an equilateral triangle.

Practice Set 36 | Q 2.2 | Page 80

Observe the figure below and write the type of the triangle based on its sides.



Δ DEF is ... triangle

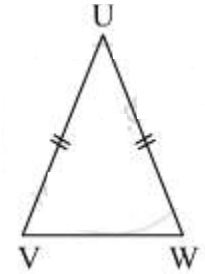
SOLUTION

In △DEF, all sides are different.

Therefore, △DEF is a scalene triangle.

Practice Set 36 | Q 2.3 | Page 80

Observe the figure below and write the type of the triangle based on its sides.



Δ UVW is ... triangle

SOLUTION

In △UVQ, two sides are equal.

Therefore, △UVW is an isosceles triangle.