

Name: _____ Date: _____

Classification of triangle

Q1. Draw 3 non collinear points as L, M and N on a paper. Now join LM, MN and NL. Name the figure you get and answer the following question:

- a. Name : _____
- b. The side opposite to $\angle M$ _____
- c. The angle opposite to side LM _____
- d. Vertex opposite to side NM _____
- e. The side opposite to angle M _____

Q2. Fill in the blanks:

- a. The sum of 3 angles of a triangle equals to _____.
- b. The sum of the lengths of any two sides of a triangle is _____ than the length of the third side.
- c. In an isosceles triangle, the angles opposite to the equal sides are _____.
- d. An equilateral triangle is also an _____ triangle.
- e. Triangles are classified on the basis of _____ and on the basis of _____.

Q3. If one of the acute angle of a right angled triangle is 42° . Find out the other acute angle of the triangle.