Solve the following:

1. If each angle is less than 90°, then the triangle is called
2. An acute-angled triangle
3. A right-angled triangle
4. An obtuse angled triangle
5. None of these
6. If any one angle is a right-angle then the triangle is called
7. An acute-angled triangle
8. A right-angled triangle
9. An obtuse angled triangle
10. None of these
11. If any one angle is greater than 90°, then the triangle is called

(a) An acute-angled triangle

(b) A right-angled triangle

(c) An obtuse-angled triangle

(d) None of these

1. Name the type of triangle: Triangle with lengths of sides 7cm, 8cm and 9cm

(a) scalene triangle

(b) isosceles triangle

(c) right triangle

(d) equilateral triangle

1. Name the type of triangle: ABC with AB = 8.7cm, AC=7cm and BC=6cm

(a) scalene triangle

(b) isosceles triangle

(c) right triangle

(d) equilateral triangle

1. Name the type of triangle: PQR with PQ = QR =PR = 5cm

(a) scalene triangle

(b) isosceles triangle

(c) right triangle

(d) equilateral triangle

1. Name the type of triangle: DEF with m D = 90°

(a) scalene triangle

(b) isosceles triangle

(c) right triangle

(d) equilateral triangle

1. Name the type of triangle: XYZ with m Y = 90° and XY=YZ

(a) scalene triangle

(b) isosceles right angled triangle

(c) right triangle

(d) equilateral triangle

1. Name the type of triangle: LMN with m L = 30°, m M = 70° and m N = 80°

(a) An acute angled triangle

(b) A right angled triangle

(c) An obtuse angled triangle

(d) None of these

1. Name the type of triangle: PQR with PQ = QR = 5 cm and PR = 7 cm

(a) scalene triangle

(b) isosceles triangle

(c) right triangle

(d) equilateral triangle