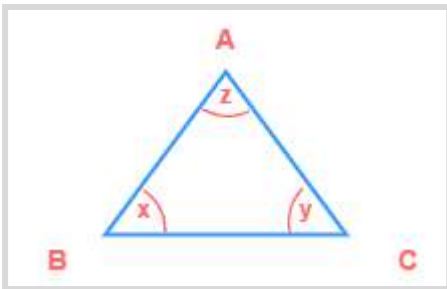


## Triangle

### Multiple choice questions

1) What is the name of  $\angle ABC$  in given figure?



- a) x
  - b) y
  - c) z
  - d)  $\angle A$
- 2) Sum of all angles of a triangle is
- a)  $180^\circ$
  - b)  $360^\circ$
  - c)  $720^\circ$
  - d)  $1440^\circ$
- 3) What will be the value of  $\angle x$  if  $\angle y=70^\circ$  and  $\angle z=60^\circ$ ?
- a)  $50^\circ$
  - b)  $40^\circ$
  - c)  $60^\circ$
  - d)  $70^\circ$
- 4) In a right angled triangle, one of the acute angles is  $60^\circ$  then the other angle will be?
- a)  $30^\circ$
  - b)  $40^\circ$
  - c)  $90^\circ$
  - d)  $60^\circ$

- 5) A triangle whose all sides are equal is called as
- scalene triangle
  - acute triangle
  - equilateral triangle
  - isosceles triangle
- 6) In right angled triangle one angle will be
- $90^\circ$
  - $100^\circ$
  - $110^\circ$
  - $120^\circ$
- 7) A triangle can have two right angles.
- true
  - false
  - maybe
  - none of these
- 8) A triangle whose two sides are equal is called as
- scalene triangle
  - equilateral triangle
  - isosceles triangle
  - right angled triangle
- 9) A triangle with one angle more than  $90^\circ$  is called as
- scalene triangle
  - obtuse triangle
  - equilateral triangle
  - right angled triangle
- 10) A triangle with one angle less than  $90^\circ$  is called
- obtuse triangle
  - acute triangle
  - right angled triangle
  - equilateral triangle