Maths sample paper of class 9th

**1.**   If the radius of a sphere is doubled, then what is the ratio of their surface area?

(a) 1 : 2

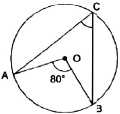
(b) 2 : 1

(c) 1 : 4

(d) 4 : 1

**2.**   In the figure, if O is the centre of a circle, then the measure of ∠ACB is:

(a) 80°

(b) 100°

(c) 40°

(d) 60°

**3.**   The angle subtended by the diameter of a semicircle is:

 (a) 45°

(b) 180°

(c) 90°

(d) 60°

**4.**   If a triangle and a parallelogram are on the same base and between same parallels, then what is the ratio of the area of the triangle to the area of parallelogram?

        (a) 1 : 2        (b) 3 : 2        (c) 1 : 3        (d) 4 : 1

**5.**  Which point lies on the left of y-axis?

       (a)  (2, 0)

       (b)  (-2,-4)

       (c)  (5, 2)

       (d)  (3, 6)

**6.**  http://www.careerlauncher.com/cbse-ncert/class-9/9-math-num-3-UntitOE22.JPG is

(a)   an irrational number

(b)   a positive rational number

c)   a negative rational number

(d)   an integer

**7.**  (16)3/4 is equal to

(a)   2

(b)   4

(c)   8

(d)   16

**8.**  There are 5 red and 3 black balls in a bag. Probability of drawing a black ball is



**9.**  If the probability of winning a game is 0.3, then probability of losing it is

      (a) 0.6                              (b) 0.7

      (c) 0.5                              (d) None of these

**10.** Find the mean of x + 77, x + 7, x + 5, x + 3 and x – 2?

 (a) x + 8

(b) x + 18

(c) x – 8

(d) x – 18

Answer:-1(c) 2(c) 3(c) 4(a) 5(b) 6(a) 7(c) 8(c) 9(b) 10(b)