IX Mathematics - MCQ -1

1.Which of the following is an example for the irrational number

a) $\frac{22}{7}$ b) $\frac{1}{3}$ c) π d) $\sqrt{81}$ [ ]

2. $\sqrt[3]{343}$ + $\sqrt[4]{81}$ + $\sqrt[5]{32}$ = ?

a) 12 b) 456 c) 15 d) 10 [ ]

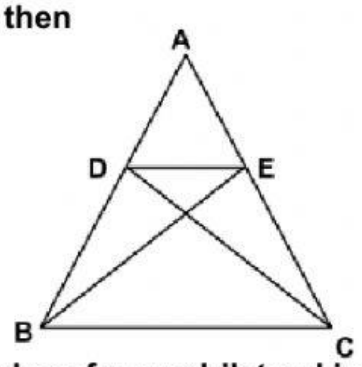
3. D, E are the points on the sides AB and AC △respectively of △ ABC and ar(△DBC) = ar (△EBC) then

a) DE = BC

b) DE = $\frac{1}{2}$ BC

c) DE = $\frac{1}{4}$ BC

d) DE // BC [ ]



4. The sum of the four angles of a quadrilateral is

a) A right angle b) Two right angles

c) Three right angles d) Four right angles [ ]

5. Each angle of an equilateral triangle is

a) 90^0 b) 60^0 c) 120^0 d) 180^0 [ ]

6. Which of the following is the solution of the equation 5x -7y -1 = 0

a) (3,2) b)(2,3) c)(3,-2) d) (-3,2) [ ]

7. P(x) = ax + b then P($\frac{-b}{a}$) is

a) 2b b) 0 c) $\frac{-a}{b}$ d) $\frac{-b}{a}$ [ ]

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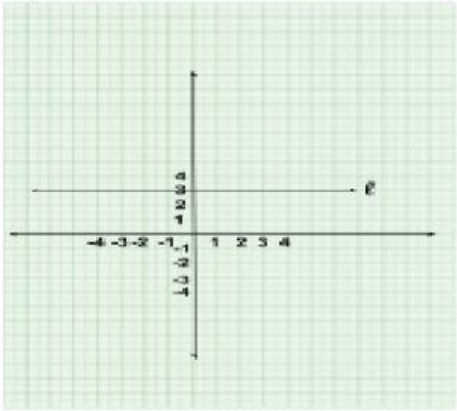
8. Value of $(\sqrt{11} - \sqrt{7})(\sqrt{11} + \sqrt{7})$ is

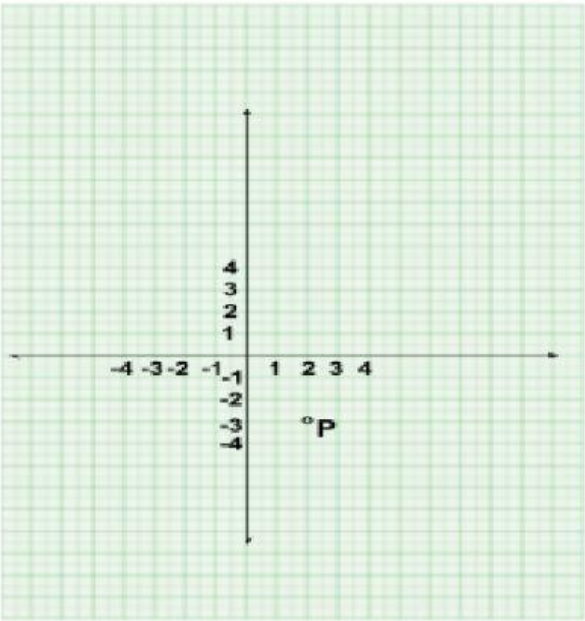
a) 4 b) 72 c) 2 d) $2\sqrt{11}$ [ ]

9. Equation of the straight (ℓ) shown in the adjacent graph



a) X = 3
b) y = 3
c) X = 0
d) y = 0 [ ]

10. The coordinates of P in adjacent graph



a) (2,-3) b) (-3,2) c)(-2,-3) d) (2,5) [ ]

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