

Question numbers 1 to 10 carry 1 mark each.

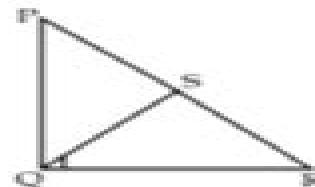
1. The graph of the equation $x + a = 0$ is a line parallel to y -axis and to the left of the y -axis if :
(A) $a < 0$ (B) $a = 0$
(C) $a > 0$ (D) For any real value of a

2. Class mark of a particular class is 10.5 and class size is 7, then class interval is :
(A) $10.5 - 17.5$ (B) $3.5 - 10.5$ (C) $7 - 17.5$ (D) $7 - 14$

3. Two parallelograms are on the same base and between the same parallels. The ratio of their areas is :
(A) $1 : 1$ (B) $1 : 2$ (C) $2 : 1$ (D) $1 : 4$

4. The value of k for which $x = 1, y = -1$ is a solution of $kx - 2y = 0$ is :
(A) 12 (B) -2 (C) 5 (D) -8

5. A bag contains x white, y red and z blue. A ball is drawn at the random, then the probability of drawing a blue ball is :
(A) $\frac{z}{x+y+z}$ (B) $\frac{y}{x+y+z}$ (C) $\frac{x}{x+y+z}$ (D) 0

6. In a $\triangle PQR$, right angled at Q , $PQ = 24$ cm and $QR = 7$ cm. S is the mid point of PR , then RS is :

(A) 3.5 cm (B) 12 cm (C) 25 cm (D) 12.5 cm

7. The region between an arc and two radii joining the centre to the end points of the arc is called :
(A) an arc (B) a sector (C) a segment (D) a diameter

8. Diameter of the earth is four times (approximately) the diameter of the moon then the ratio of their surface area is :
(A) $4 : 1$ (B) $8 : 1$ (C) $16 : 1$ (D) $64 : 1$

Marks Guide Class 9 Maths Questions

Mark Anderson,Olly Lewis

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The Pearson Guide to Objective Arithmetic for Competitive Examinations, 3/e (New Edition) Khattar,2010-09

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end of each Chapter The previous papers of 2017 2025 are included in the respective chapters in the exercise part **HOW TO PREPARE EFFECTIVELY FOR COMPETITIVE/COLLEGE/SCHOOL EXAMINATIONS** Dr Miss Gyan Parmar,1997-01-26

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