



# MATHS

**BOOKS - CALCUTTA BOOK HOUSE**

**MATHS (BENGALI ENGLISH)**

**HISTOGRAM AND FREQUENCY**

**POLYGON**

**Examples**

1. Find that the point  $(4, 0)$  lie in which quadrant?



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2. Find that the point  $(-2, 7)$  lie in which quadrant?



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3. Find the point  $(11, -3)$  lie in which quadrant?



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4. Find that the point  $(-6, 2)$  lie in which quadrant?



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## Exercise 2

1. Find the coordinates of a point A, where AB is the diameter of a circle whose centre is (2, -3) and B is (1, 4).



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2. The form of a histogram is

A. rectangular

B. Square

C. Polygon type

D. None of these

**Answer:**



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**3.** The frequency of the first and the last endpoints of a frequency polygon is

A. 0

B. 1

C. 2

D. None of these

**Answer:**



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4. A and B throw a pair of dice. If A throws 9, find B's chance of throwing a higher number.



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5. What is histogram ?



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6. What is frequency polygon ?



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7. Find that the point  $(4, 3)$  lie in which quadrant?



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8. Find that the point  $( - 8, - 4)$  lie in which quadrant?



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9. Find that the point  $( - 10, 10)$  lie in which quadrant?



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**10.** Find that the point  $(5, -7)$  lie in which quadrant?



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**11.** Find that the point  $(-11, -7)$  lie in which quadrant?



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**12.** Find solution by cross multiplication method

$$3x - 4y = 1, 4x - 3y = 6.$$



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**13.** Find solution by cross multiplication method

$$x + y = 2b, x - y = 2a.$$



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**14.** Find solution by cross multiplication method

$$2x + y = 2, x - 3y = 5.$$



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**15.** Find solution by cross multiplication method

$$x - 2y = 3, 5x + 4y = 1.$$



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**16.** Find solution by cross multiplication method

$$4x - y = 5, 3x + y = 7.$$



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