

Loci and Construction

Sr	Questions	Answers Choice
1	A perpendicular from a vert of traingl to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
2	a traingle having all sides equal is called.	A. Isosceles B. Scalene C. Equilateral D. Right
3	In-centre si the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
4	An equilateal traingl.....	A. can be isosceles B. Can be right angled C. Can be obtuse angled D. Has each angle equal to 50
5	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square
6	The garbage dumping area must be 5 km away from the city.Whch locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines
7	The line segment joining the midpoint of a side to its opposite vertex in a triangle is called.	A. Median B. Perpendicular bisector C. Angle bisector D. Circle
8	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
9	To find the location eqidistant from two towns, which locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines
10	The right bisectos of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
11	If in center, circumcenter, orthocenter and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
12	The circum center or right traingle lies on the.....of triangle.	A. Vertex B. Altitude C. Hypotenuse D. Base
13	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho centre C. Circumcentre D. Centroid
14	A traingle canbe constructed if the sum of the measure of any two sides is the measure of the third side.	A. Less than B. Greater than C. Equal to D. Greater than and equal to
15	A tringle having two sides congruent is called.	A. Scalene B. Right angled C. Equilateral

D. Isosceles

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- 16 The ortho center of an acute triangle liesof triangle.
- A. Inside
B. Outdise
C. Midpoint
D. Vertex of
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- 17 Point of concurrency of three medians of a triangle is called its.
- A. In centre
B. Ortho centre
C. Centroid
D. Circumcentre
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- 18 If two medians of a traingle are congruent then he triangle will be
- A. Isosceles
B. Equilateral
C. Right angled
D. Acute angled
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- 19 The point of concurrency of the three altitudes of a angle is called.
- A. Ortho centre
B. In centre
C. Circumcentre
D. Centroid
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- 20 If the sum of the measures of two angles is less than 90° , then the triangle is.....
- A. Equilateral
B. Acute angled
C. Obtuse angled
D. Right angled
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