

Loci and Construction

Sr	Questions	Answers Choice
1	A perpendicular from a vertex of a triangle to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
2	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square
3	Locus of all points equidistant from a fixed point is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel bisector
4	A triangle can be 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
5	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
6	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value
7	The right bisectors of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
8	To find the location equidistant from two towns, which locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines
9	If two medians of a triangle are congruent then the triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled
10	Locus is a word.	A. English B. German C. French D. Latin
11	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
12	Ortho centre is the point of concurrency of three of triangle	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
13	If in center, circumcenter, orthocenter and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
14	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
15	The ortho center of an acute triangle lies of triangle.	A. Inside B. Outside C. Midpoint D. Vertex of

16	Sum of interior angles of a triangle is.	A. 60 B. 120 C. 180 D. 240
17	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
18	The point of concurrency of the three altitudes of a triangle is called.	A. Ortho centre B. In centre C. Circumcentre D. Centroid
19	A triangle having two sides congruent is called.	A. Scalene B. Right angled C. Equilateral D. Isosceles
20	A triangle having all sides different is called	A. Isosceles B. Scalene C. Equilateral D. Right