

Mathematics 9th Class English Medium Unit 14 Online Test

Sr	Questions	Answers Choice
1	Ratio, (img) as comparison of two _____ quantities:	A. Different B. Alike C. Unlike D. None of these
2	If $a:b = c:d$, then a, b, c and d are said to be in _____	A. Ratio B. Variation C. Proportion D. Disproportion
3	Equality of two ratios is defined as _____:	A. Direct proportions B. Inverse proportions C. Ratio D. Proportion
4	If two triangles are similar, then their corresponding sides are:	A. Proportional B. Equal C. Unproportional D. Inversely proportional
5	Two congruent triangle are also _____:	A. Not equal B. Non congruent C. Proportional D. Similar
6	Two similar triangles are _____:	A. Congruent B. Non congruent C. May be or may be not congruent D. None of these
7	A line parallel to on side of a triangle and intersecting the other two sides divide then _____	A. Perpendicularly B. Parallely C. Proportionally D. Similarly
8	If a line segment intersects the two sides of a triangle in the same ration then it is _____ to the third side:	A. Perpendicular B. Parallel C. Intersecting D. Similar
9	A line segment has _____ midpoints:	A. Two B. Only one C. Three D. More than one
10	Two points determine a _____	A. Space B. Plane C. Curve D. Line
11	Three non-collinear points determine a _____	A. Line B. Plane C. Curve D. Space
12	The _____ bisector of an angle of a triangle divides the sides in the same ratio then it is the ratio of the lengths of the sides containing the angles:	A. Internal B. External C. Perpendicular D. None of these
13	Question Image	D. None of these
14	Question Image	A. Similar B. Congurent C. Equal D. Different
15	Equality of _____ ratio is defined as proportion:	A. Two B. Three C. Four D. Five
16	Question Image	A. length

17	_____ has unit:	A. Length B. width C. area D. ratio
18	Triangles are of same shape but different sizes:	A. Similar B. Corresponding C. Congruent D. Alternate
19	Question Image	
20	The ratio between two quantities a and b is expressed as:	B. $\frac{a}{b}$ C. a:b D. a+b
21	The line segment has only _____ point of bisection:	A. One B. Two C. Three D. Four
22	One and only one line can be drawn through _____ points:	A. Two B. Three C. Four D. Five
23	Symbol of show similarity:	
24	Unit of ratio:	A. m/s B. km/s D. None of these
25	If adjacent angles of two intersecting lines are congruent then lines are _____ to each other:	A. Parallel B. Perpendicular C. Both a and b D. None of these
26	How many lines can be drawn through two points ?	A. One B. Two C. Three D. Four
27	_____ altitudes of equilateral triangle are congruent:	A. One B. Two C. Three D. Four
28	_____ points determine a line:	A. 2 B. 3 C. 4 D. 5
29	In two similar triangles _____ sides are proportional:	A. Corresponding B. Opposite C. Both a and b D. None of these
30	If a line segment intersects the two sides of a triangle in the same ratio then it is _____ to the third side:	A. Smaller B. Larger C. Parallel D. Equal
31	Similar triangles are of the same shape but _____ in sizes:	A. The same B. Different C. Both a and b D. None
32	If $a:b=c:d$ then a,b,c and d are said to be in:	A. Proportion B. Ratio C. Equal D. Unequal