

11th Class ICS Mathematics Chapter 12 Test Online

Sr	Questions	Answers Choice
1	If $\alpha, {\tt R}, \Gamma$ are the angles of a oblique triangle, then:	A. $\alpha = 90^{\circ}$ B. $\beta = 90^{\circ}$ C. $\Gamma = 90^{\circ}$ D. none of these
2	In any triangle ABC, law of cosines is:	
3	Question Image	
4	With usual notations for triangle R equals:	
5	The circum-radius R of a triangle is given by:	
6	A circle passing though the vertices of a triangle is known as:	
7	r r ₁ r ₂ r ₃ =	D. abc
8	A circle which touches one side of a triangle externally and the other two produces sides internally is known as:	
9	In a right isoceles triangle, one acute angle is:	A. 30° B. 45° C. 60° D. 75°
10	In 2s = a + b + , then in any triangle ABC:	D. all of above
11	Question Image	
12	r ₁ =	
13	If $2s = a + b + c$, where a, b, c are the sides of a triangle ABC, then area of triangle ABC is given by:	
14	In triangle ABC, if α = 90° then:	D. none of these
15	Question Image	A. r ₁ B. r ₂ C. r ₃ D. r
16	In any triangle ABC, law of tangents is:	D. all of these
17	A circle drawn inside a triangle and touching its sides is known as:	
18	Question Image	
19	The lengths of the sides of a triangle are proportional to the sines of the opposite angles to the sides. This is known as:	A. The law of sines B. The law of cosines C. The law of tangents D. The fundamental law
20	r ₂ =	