

11th Class FSC Mathematics Chapter 12 Test Online

Sr	Questions	Answers Choice
1	If the elevation of the sun is 30° , the length of the shadow cast by a tower of 150m height is:	D. none
2	When two sides and included angle is given, then area of triangle is given by:	D. all of these
3	If 2s = a + b + c, then in any triangle ABC:	D. all of these
4	r ₁ =	
5	If $2s = a + b + c$, where a, b, c are the sides of a triangle ABC, then area of triangle ABC is given by:	
6	A circle passing though the vertices of a triangle is known as:	
7	r ₂ =	
8	Question Image	A. r ₁ B. r ₂ C. r ₃ D. r
9	In triangle ABC, if α = 90° then:	D. none of these
10	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
11	In any triangle ABC, law of tangents is:	D. all of these
12	A circle which touches one side of a triangle externally and the other two produces sides internally is known as:	
13	In a right isoceles triangle, one acute angle is:	A. 30° B. 45° C. 60° D. 75°
14	r r ₁ r ₂ r ₃ =	D. abc
15	The in-radius r of a triangle is given by:	
16	A triangle which is not right angle triangle called triangle:	A. acute B. obtuse C. right D. oblique
17	Question Image	
18	Question Image	A. 3:5:2 C. 3:2:1 D. 1:2:3
19	In a triangle ABC b = $\sqrt{3}$, c = 1, α = 30° then a = :	A. 2 B. 1 C. 3 D1