

11th Class FSC Mathematics Chapter 12 Test Online

Sr	Questions	Answers Choice
1	r3 =	
2	In triangle the length of the sides are 7, $4\sqrt{3}$ and $\sqrt{13}$. Then the smallest angle is:	A. 15° B. 30° C. 60° D. 45°
3	The in-radius r of a triangle is given by:	
4	If α,β,Γ are the angles of a oblique triangle, then:	A. $\alpha = 90^{\circ}$ B. $\beta = 90^{\circ}$ C. $\Gamma = 90^{\circ}$ D. none of these
5	Question Image	A. right angled B. equilateral C. isosceles D. obtuse angled
6	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
7	In any triangle ABC, law of cosines is:	
8	In any triangle ABC, law of sines is:	
9	Question Image	
10	If 2s = a + b +c, then in any triangle ABC:	D. none of these
11	If triangle ABC, If ß = 90° then:	D. none of these
12	Question Image	
13	In any triangle ABC, law of tangents is:	D. all of these
14	Question Image	A. r ₁ B. r ₂ C. r ₃ D. r
15	r ₁ =	
16	A circle which touches one side of a triangle externally and the other two produces sides internally is known as:	
17	Question Image	
18	A triangle which is not right angle triangle called triangle:	A. acute B. obtuse C. right D. oblique
19	r ₂ =	
20	If the elevation of the sun is 30°, the length of the shadow cast by a tower of 150m height is:	D. none