

11th Class FA Mathematics Chapter 12 Online Test

Sr	Questions	Answers Choice
1	r r ₁ r ₂ r ₃ =	D. abc
2	r ₃ =	
3	A triangle which is not right angle triangle called triangle:	A. acute B. obtuse C. right D. oblique
4	In a right isoceles triangle, one acute angle is:	A. 30° B. 45° C. 60° D. 75°
5	In triangle ABC, If Γ = 90° then:	D. b = c + a
6	When two sides and included angle is given, then area of triangle is given by:	D. all of these
7	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°
8	In any triangle ABC, law of cosines is:	
9	The circum-radius R of a triangle is given by:	
10	In any triangle ABC, law of tangents is:	D. all of these
11	In 2s = a + b + , then in any triangle ABC:	D. all of above
12	If triangle ABC, If $\[\[\] = 90^{\circ} \]$ then:	D. none of these
13	Question Image	A. right angled B. equilateral C. isosceles D. obtuse angled
14	A circle drawn inside a triangle and touching its sides is known as:	
15	In triangle ABC, if α = 90° then:	D. none of these
16	In a triangle ABC if $a^2 - b^2 + c^2 = ac$ then $< G =$	
17	In any triangle ABC, law of sines is:	
18	Question Image	
19	Question Image	
20	The in-radius r of a triangle is given by:	