

function  
isTriangleRectangular(Point a, Point b, Point c):  
boolean;

areTheVertices(a, b, c)

No

isTriangleRectangular := false;

End of function

Yes

condition

No

Yes

isTriangleRectangular := true;

isEqualityCorrect(distance(c, b), distance(c, a), distance(a, b))  
OR isEqualityCorrect(distance(a, b), distance(a, c), distance(c, b))  
OR isEqualityCorrect(distance(a, b), distance(c, b), distance(a, c))





