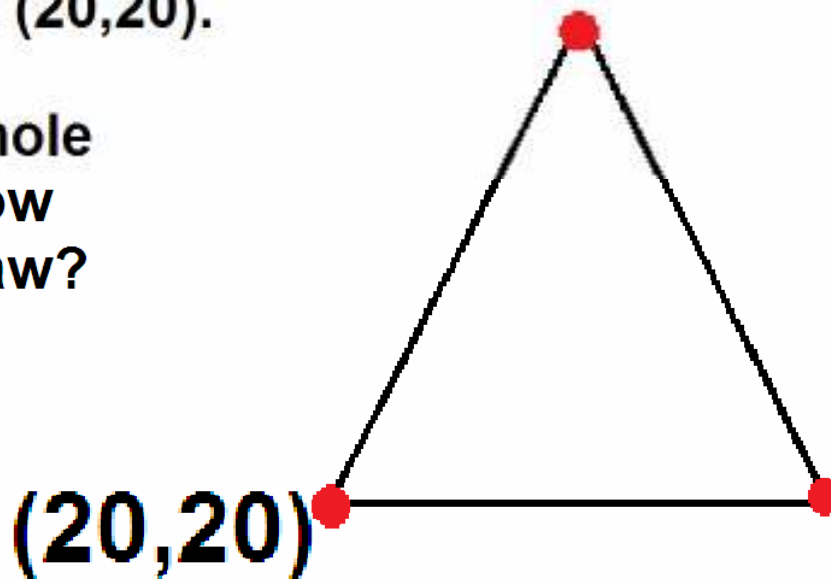# Isosceles Triangles

Draw some isosceles triangles with an area of 9cm^2 and a vertex at (20,20).

If all the vertices have whole number coordinates, how many is it possible to draw?

Can you explain how you know that you have found them all?

(20,20)

Thousands more problems can be found on the NRICH Maths website:

www.nrich.maths.org