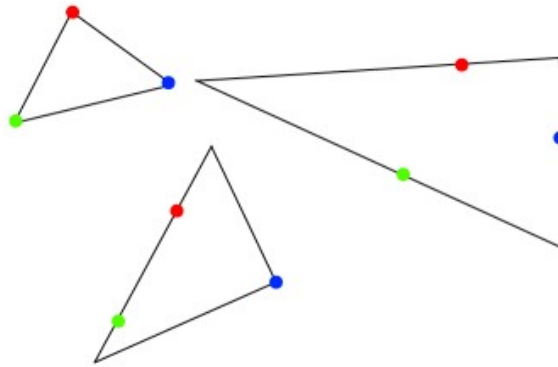


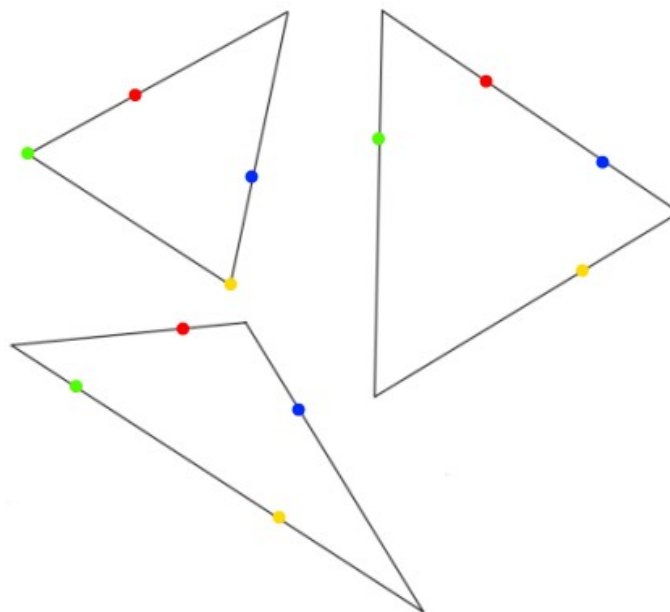
Close to Triangular – Triangles through points

Given three points, it is **always** possible to draw different triangles with edges passing through those three points - here are some examples of triangles going through the same three points:



Can you convince yourself that there are always **infinitely many** such triangles?

Here are some examples of different triangles going through the same set of four points:



Is it always possible to draw triangles through a set of four points?

Investigate some examples and explain your findings.

What happens when we try to draw triangles through five points?