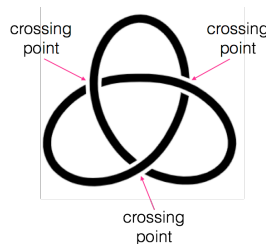# KNOTS INFORMATION

The Trefoil knot

A Trefoil knot is the simplest non-trivial knot. It has a minimum of three crossing places (when it's in its simplest form). Here is a diagram of a Trefoil with crossing places marked:

As the diagram above shows, as you follow the path of the Trefoil around it alternates between going 'over' and going 'underneath' itself.

Other knots

All the knots with seven or below as their minimum number of crossing places, are shown below, including the trivial unknot (which isn't very interesting!).

Each knot has a name that is a big number followed by a smaller subscript number.

For example, the Trefoil is called the 3_1 knot. The big number represents the minimum number of crossing points the knot has.