**Useful Vector Formulae for Further Maths**

|  |  |
| --- | --- |
| Angle between two vectors |  |
| Cross product of two vectors  = area of parallelogram formed by the vectors |  |
| Volume of parallelopiped  (aka the scalar triple product) |  |
| Volume of tetrahedron |  |
| Some properties of the cross product |  |
| Vector equation of line takes the form |  |

Vectors parallel

Vectors perpendicular

coplanar (because vol parallelopiped )