

5.4 Tangents and normals

Checklist

What you should know

By the end of this subtopic you should be able to:

- understand that the tangent and normal at a given point to a given curve are perpendicular to each other
- find the equation of the tangent to a given curve at a given point on the curve
- find the point on a curve if the direction of the tangent is given
- find the equation of the normal to a given curve at a given point on the curve
- find the point on a curve if the direction of the normal is given.

