

~~NORMAL / TANGENT~~ TO CURVE (3)

2005 3. Find the equation of the tangent to the curve

$$4x^2 + 3xy - y^2 = 21$$

at the point (2, 1).

[4]

2006 2. Find the equation of the normal to the curve

$$2x^3 + 6xy^2 - y^4 = 27$$

at the point (2, 1).

[5]

2007 2. Find the equation of the tangent to the curve

$$x^5 + xy^2 + y^3 = 17$$

at the point (-1, 3).

[4]

2008 2. Find the equation of the normal to the curve (PARAMETRIC)

$$x^2 + xy + 2y^2 = 8$$

at the point (-3, 1).

[5]