**8B Finding Cartesian Equations with Trig**

1. A curve has parametric equations:

, ,

1. Show that a Cartesian equation of the curve is given by:
2. Hence, sketch the curve…
3. A curve has parametric equations:

, ,

1. Find a Cartesian equation of the curve in the form , , stating the value of the constant .
2. Write down the range of
3. A curve has parametric equations:

,

1. Find the equation of the curve in the form and state the domain of x for which the curve is defined

b) Hence, sketch the curve