**2A Parametrics Revisited**



1. A curve has parametic equations

$$x=at^{2}, y=2at, t\in R,$$

 where$ a$ is a positive constant. Find the Cartesian equation of the curve

A curve has parametric equations

$$x=ct, y=\frac{c}{t}, t\ne 0,$$

where $c$ is a positive constant.

1. Find the Cartesian equation of the curve.
2. Hence sketch the curve

Note: Alternative approach (multiplying to cancel t)