MAT 137 (Calculus II) Prof. Swift

Parametric Curves in the plane

1. Find the natural parametric description, with parameter $0 \leq t \leq 1$, of the line segment in the plane with endpoints $(3, 5)$ and $(-4, 1)$

2. Find the natural parametric description, with parameter $0 \leq t \leq 2\pi$, of the circle in the plane with center $(1, -3)$ and radius 5.