

Eliminate  $t$  to determine what type of conic is described by the parametric equations.

(a)  $x = 3 \tan t, y = 5 \sec t$

(b)  $x = 2 + \sin t, y = -1 - 3 \cos t$

(c)  $x = e^t, y = 3e^{2t}$