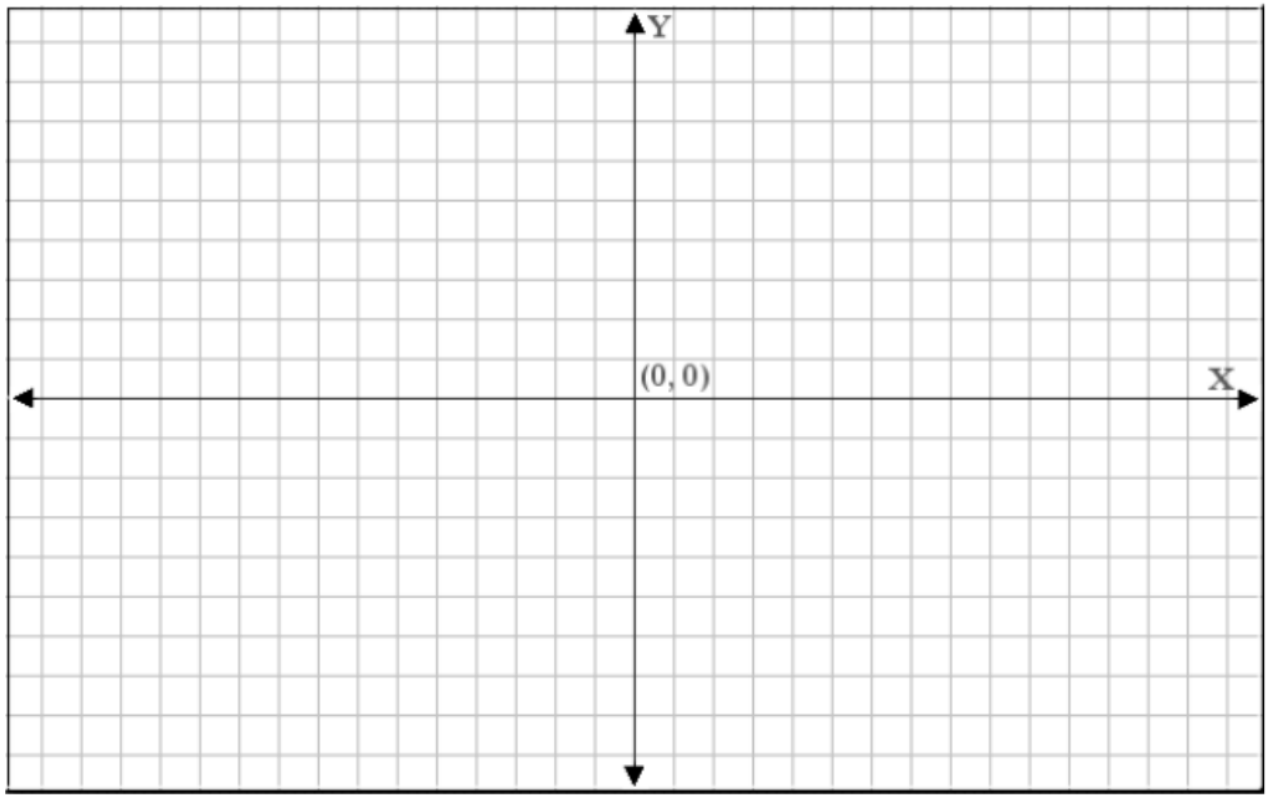
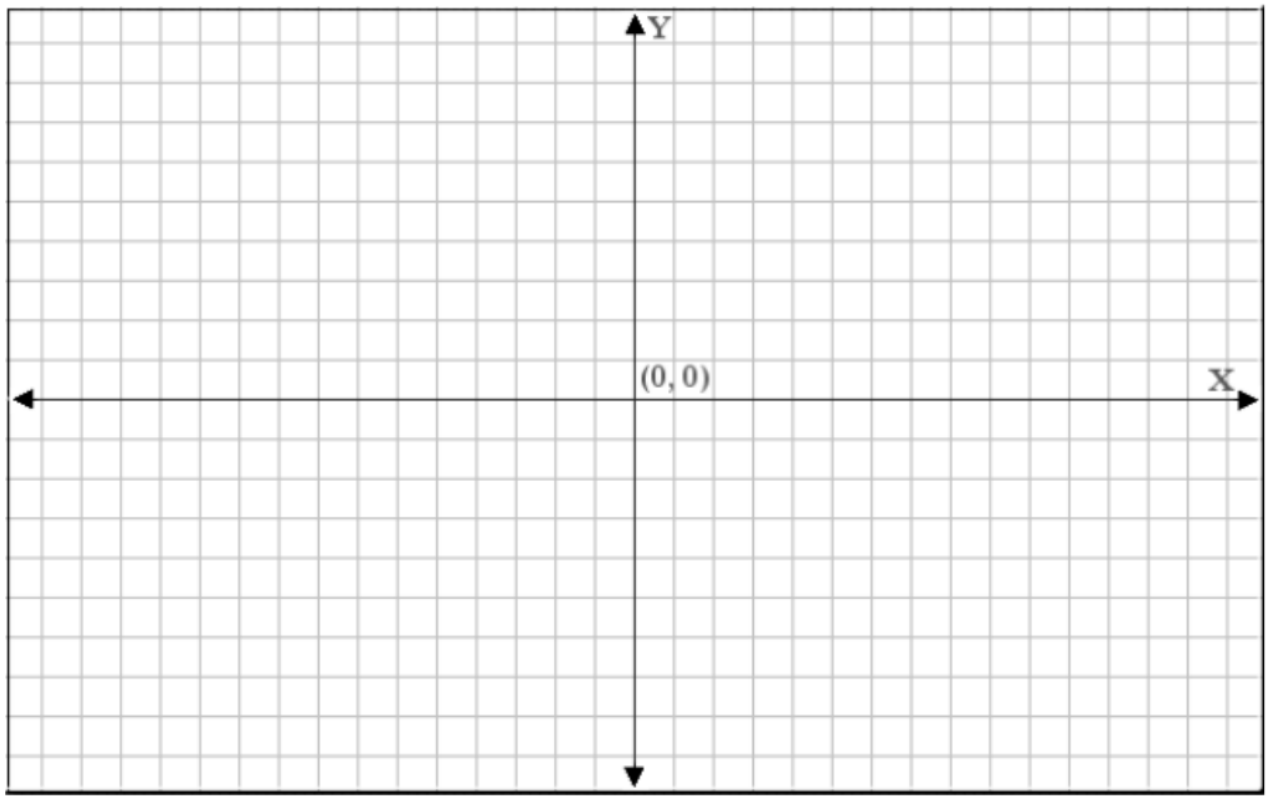
Sketch the curve by using the parametric equations to plot points. Indicate with an arrow the direction in which the curve is traced as "t" increases.



t	x	y

$$x = t^2 - 2t,\ y = t + 1,\ -2 \le t \le 4$$

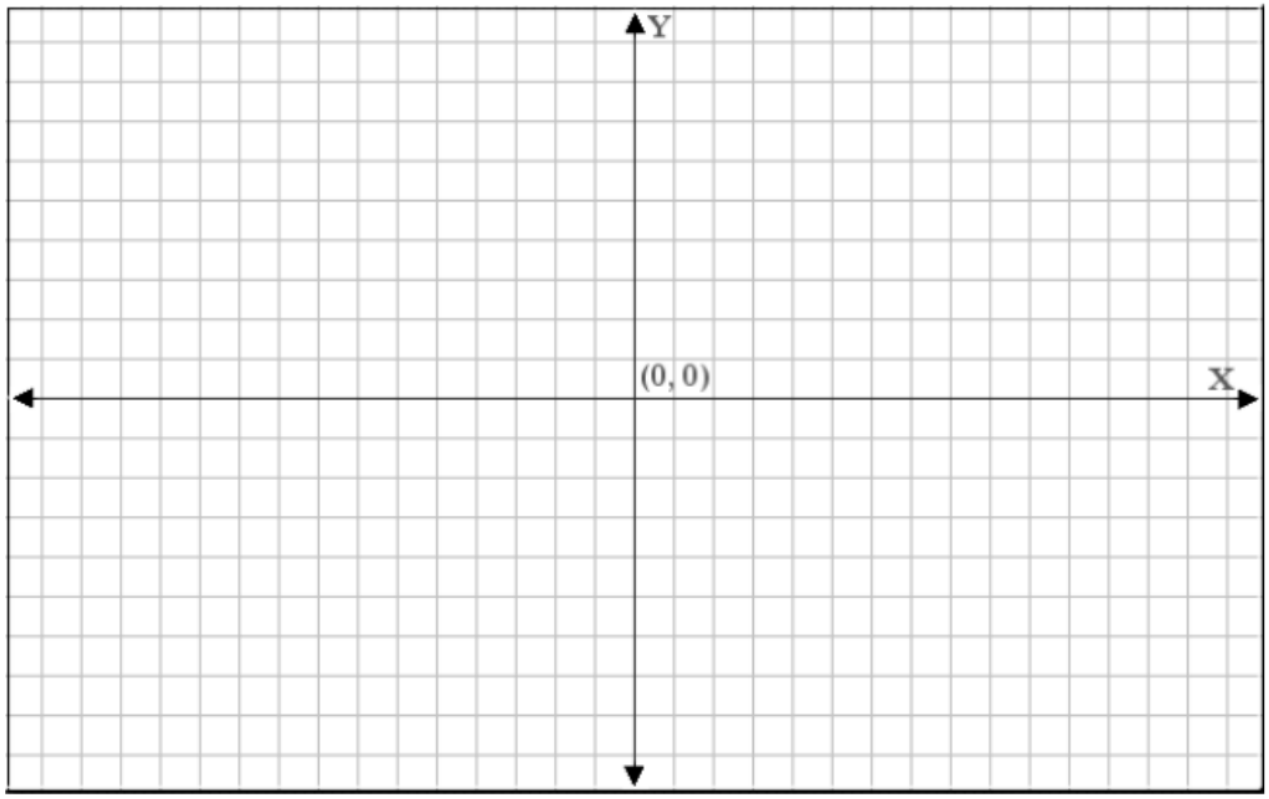
Sketch the curve by using the parametric equations to plot points. Indicate with an arrow the direction in which the curve is traced as "t" increases.



t	x	y

$$x = 1 + \sqrt{t},\ y = t^2 - 4t,\ 0 \le t \le 5$$

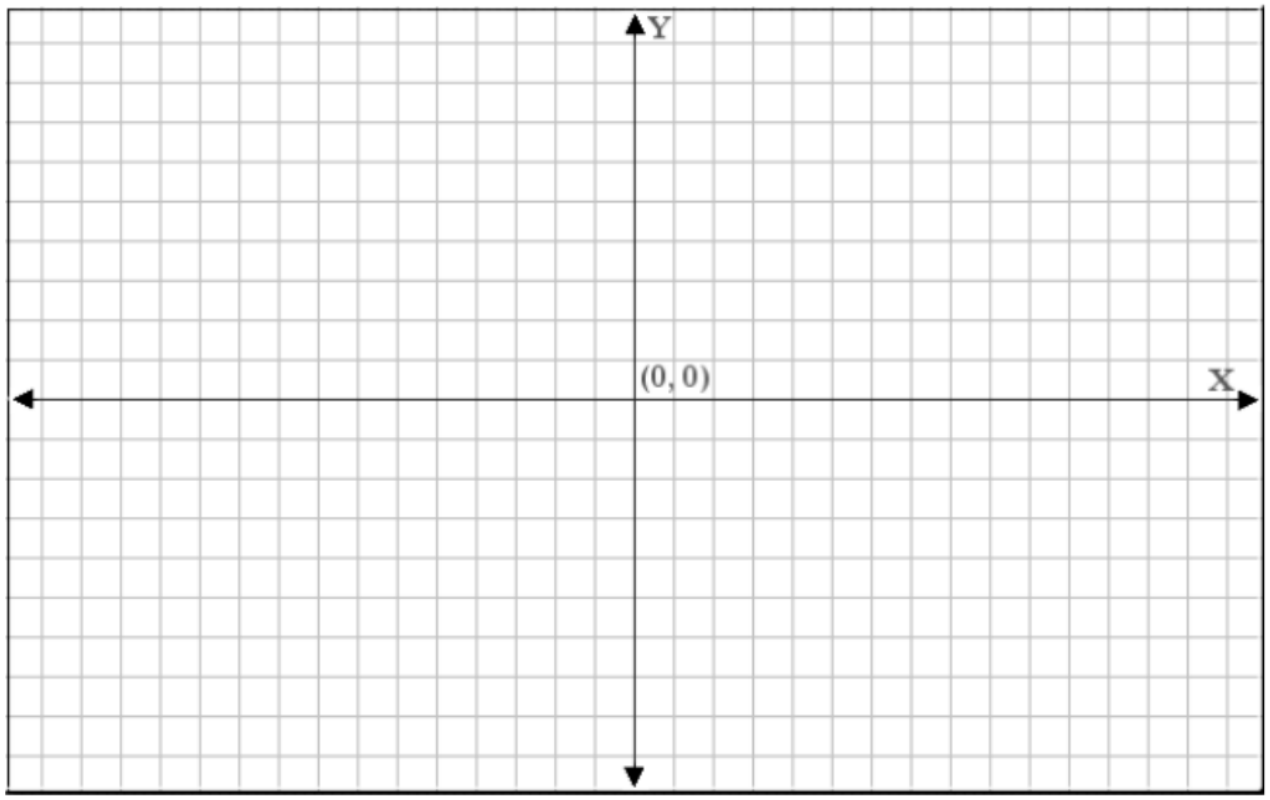
Sketch the curve by using the parametric equations to plot points. Indicate with an arrow the direction in which the curve is traced as "t" increases.



t	x	y

$$x = 2\cos t,\ y = t - \cos t,\ 0 \le t \le 2\pi,\ \Delta t = \frac{\pi}{4}$$

Sketch the curve by using the parametric equations to plot points. Indicate with an arrow the direction in which the curve is traced as "t" increases.

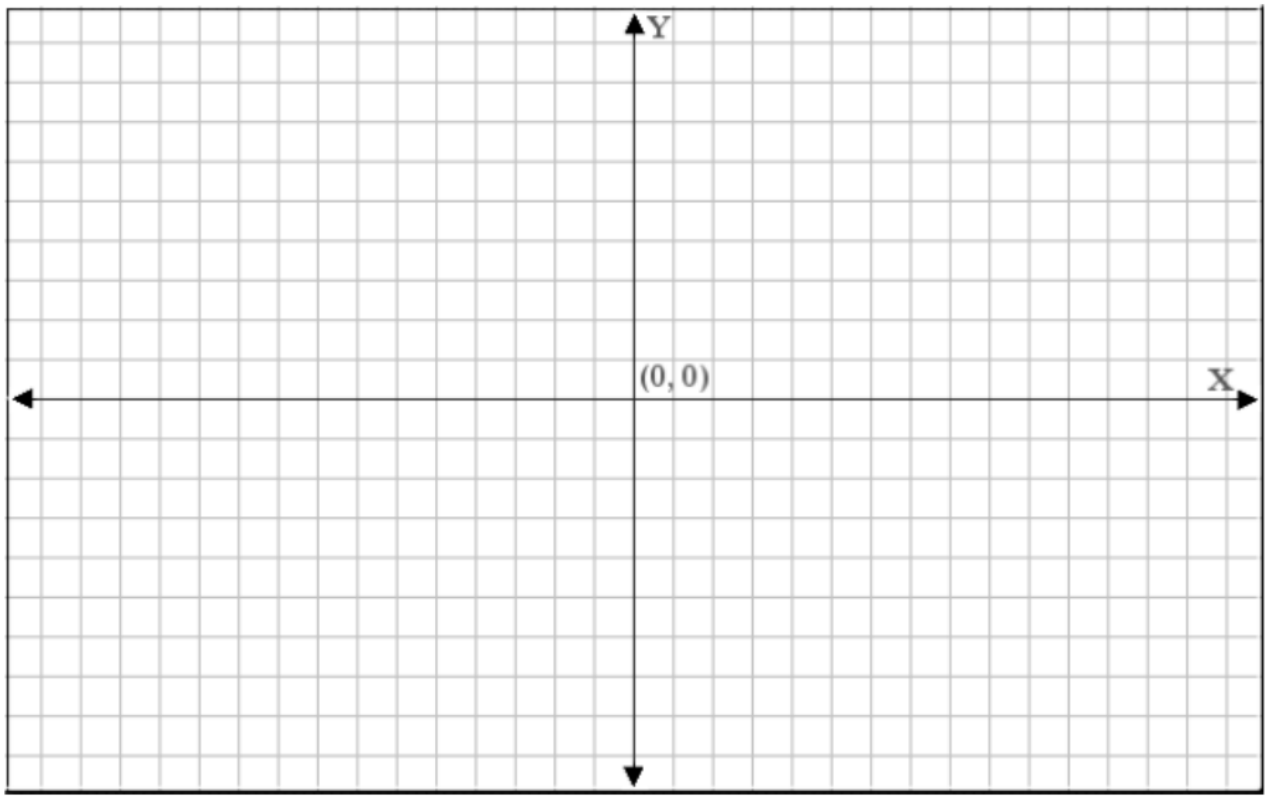


t	x	y

$$x = 5\sin t,\ y = t^2,\ -\pi \le t \le \pi,\ \Delta t = \frac{\pi}{4}$$

Sketch the curve by using the parametric equations to plot points. Indicate with an arrow the direction in which the curve is traced as "t" increases. Eliminate the parameter to find a Cartesian equation of the curve.

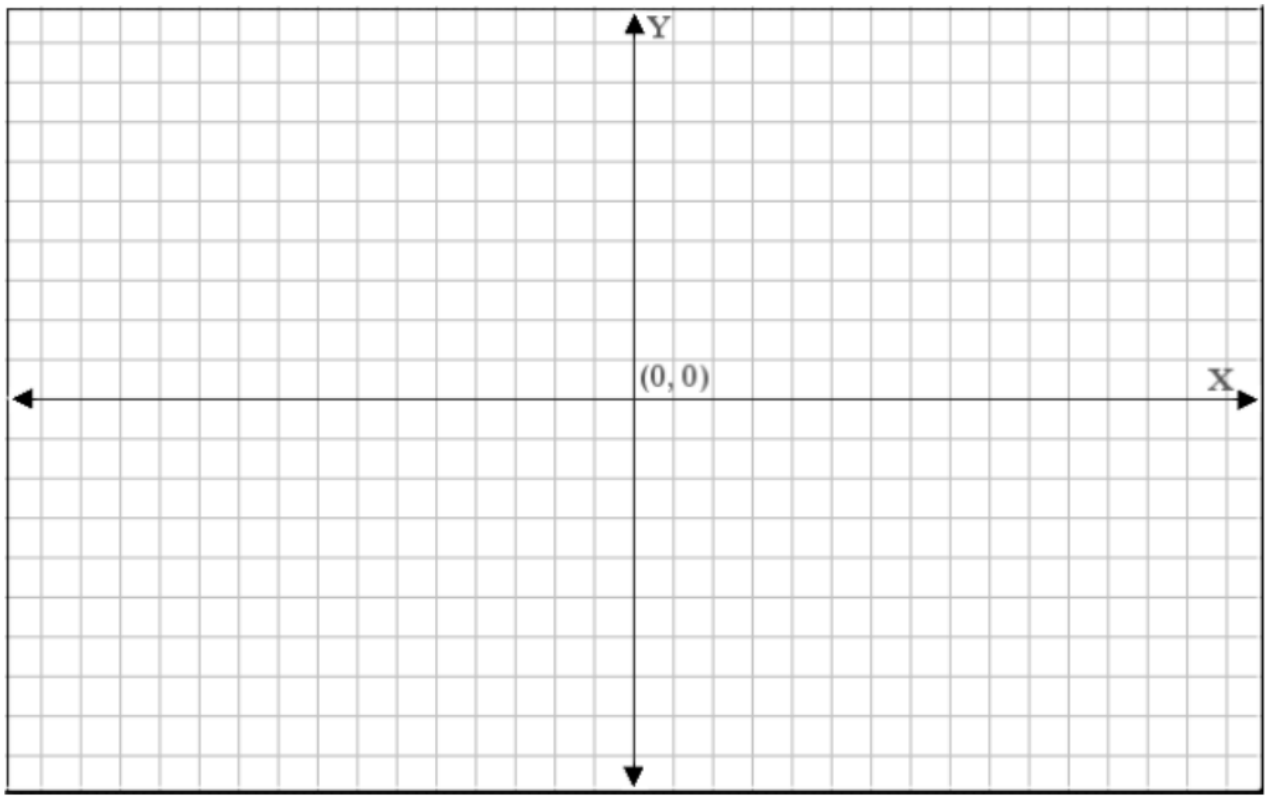
t	x	y



$$x = 3t - 5,\ y = 2t + 1$$

Sketch the curve by using the parametric equations to plot points. Indicate with an arrow the direction in which the curve is traced as "t" increases. Eliminate the parameter to find a Cartesian equation of the curve.

t	x	y



$$x = 1 + t,\ y = 5 - 2t,\ \ -2 \le t \le 3$$