

For the following exercises, rewrite the parametric equation as a Cartesian equation by building an x-y table.

26.
$$\begin{cases} x(t) = 2t - 1 \\ y(t) = t + 4 \end{cases}$$

27.
$$\begin{cases} x(t) = 4 - t \\ y(t) = 3t + 2 \end{cases}$$

28.
$$\begin{cases} x(t) = 2t - 1 \\ y(t) = 5t \end{cases}$$

29.
$$\begin{cases} x(t) = 4t - 1 \\ y(t) = 4t + 2 \end{cases}$$

For the following exercises, parameterize (write parametric equations for) each Cartesian equation by setting $x(t) = t$ or by setting $y(t) = t$.

30. $y(x) = 3x^2 + 3$

31. $y(x) = 2 \sin x + 1$

32. $x(y) = 3 \log(y) + y$

33. $x(y) = \sqrt{y} + 2y$