

# Parametric Functions Lesson Objectives

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## Plane Curves and Parametric Functions Lesson

Analyze plane curves in parametric form

## Plotting Points and Eliminating the Parameter Lesson

Graph plane curves by eliminating the parameter

Graph plane curves by plotting points

Graph plane curves by solving for  $x$  or  $y$

## Using Trigonometric Identities Lesson

Graph plane curves by using trigonometric identities

Identify advantages of using parametric equations

## Finding Parametric Equations Lesson

Analyze different parametric equations for the same functions

Find parametric equations for functions

## Polar and Parametric Equations Lesson

Convert between polar and parametric forms

## Modeling Linear and Projectile Motion Lesson

Model linear and projectile motion using parametric equations