Parametric Functions Key Words

Plane Curves and Parametric Functions Lesson

orientation – the direction of the plane curve as t increases

parameter – the variable t for the parametric equations $x = f(t)$ and $y = g(t)$

parametric equations – the functions of the parameter, t, that are used to represent the x and y coordinates of points on the plane curve

plane curve – the collection of points (x, y) where the x and y coordinates of points are given separately as functions of a third variable, t, called the parameter

Modeling Linear and Projectile Motion Lesson

linear motion – the movement of an object along a straight line with a constant velocity

projectile motion – the movement of an object under the influence of gravity