

A photograph of a wakeboarder on a lake, viewed from behind. The wakeboarder is on an orange wakeboard, and a large splash of white water is visible behind them. The background shows a calm lake and a distant shoreline with trees.

## Chapter

# 4

## *Polynomial Equations and Inequalities*

### ► GOALS

#### You will be able to

- Determine the roots of polynomial equations, with and without technology
- Solve polynomial inequalities, with and without technology
- Solve problems involving polynomial function models

**?** If a polynomial function models the height of the wake boarder above the surface of the water, how could you use the function to determine when he is above a given height or how quickly he is descending at any given time?

this file is for demo

