	Name: Date:
	Polynomial Word Problems
	Solve the following word problems involving polynomials.
	of a Rectangle: The length of a rectangle is $x + 5$ and the width is $x - 2$. polynomial expression for the area of the rectangle.
where x	Calculation: A company's profit in dollars is given by $\mathcal{P}(x) = 3x^2 - 6x + 4x$ is the number of units produced. What is the profit when are produced?
where t	polic Path: The height h of a projectile is given by $(t) = -5t^2 + 20t + 30$, is the time in seconds. Find the maximum height reached projectile.
	uct of Consecutive Numbers: The product of two consecutive numbers is) = 42. Find the numbers.