

## Rational functions (AAHL 2.13) quadratic over linear

### Title: The Roller Coaster Ride - Exploring Rational Functions



Concept: Rational Functions (Specifically Quadratic over Linear)

Intuition Pump: Imagine a roller coaster track. This track represents a rational function where the vertical position of the track at various points represents the value of the function. A quadratic polynomial in the numerator (top) and a linear polynomial in the denominator (bottom) governs the shape and behavior of the track.