Key Features

Zeros – Increasing–

Y-Int– Decreasing –

Vertex – Positive –

Axis of Symmetry – Negative –

Solving by Factoring

Steps:

Solving using the Quadratic Formula

Formula: Discriminant and Types of Roots:

Solving by Completing the Square

Steps:

Applications of Quadratics

Type of Problem: How to solve it:

Height:

Time to peak:

Overall Air time:

Time @ given height: