Name: _____   Date: _____

Achievement Check Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding • Draws the axis of symmetry, and joins points on the parabola with a smooth curve	Locates and draws the axis of symmetry with considerable assistance	Locates and draws the axis of symmetry with some assistance	Draws the axis of symmetry, and joins the points on parabola with a smooth curve	Draws the axis of symmetry, joins the points on the parabola with a smooth curve, and understands that $x = 3$ is an equation of a vertical line such that each point has an x-coordinate of 3
Thinking • Draws the path of the radio waves	Draws the path of the radio waves with considerable assistance	Draws the path of the radio waves with some assistance	Draws the path of the radio waves	Draws the path of the radio waves, and interprets what that means in terms of a real situation
Communication • Expresses and organizes mathematical thinking with considerable effectiveness • Uses mathematical vocabulary and notation effectively	Expresses and organizes mathematical thinking with limited effectiveness Uses mathematical vocabulary and notation with limited effectiveness	Expresses and organizes mathematical thinking with some effectiveness Uses mathematical vocabulary and notation with some effectiveness	Expresses and organizes mathematical thinking with considerable effectiveness Uses mathematical vocabulary and notation with considerable effectiveness	Expresses and organizes mathematical thinking with a high degree of effectiveness Uses mathematical vocabulary and notation with a high degree of effectiveness
Application • Plots the points, and draws a parabola	Plots the points, and draws the parabola with considerable assistance	Plots the points, and draws the parabola with some assistance	Plots the points, and draws the parabola	Chooses an appropriate scale, plots the points, and draws a fully labelled graph of the parabola

Comments:

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