

Name: _____

Date: _____

Task: Can You Tell Just by Looking? Rubric

BLM 2-12

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> • knows the general shape of a quadratic, cubic, quartic and quintic • knows equation patterns for the quadratic, cubic, quartic and quintic 	<ul style="list-style-type: none"> • demonstrates little understanding of the general shape and patterns for the quadratic, cubic, quartic, and quintic. 	<ul style="list-style-type: none"> • demonstrates some understanding of the general shape and patterns for the quadratic, cubic, quartic, and quintic 	<ul style="list-style-type: none"> • demonstrates considerable understanding of the general shape and patterns for the quadratic, cubic, quartic, and quintic 	<ul style="list-style-type: none"> • demonstrates thorough understanding of the general shape and patterns for the quadratic, cubic, quartic, and quintic
Thinking <ul style="list-style-type: none"> • prepares a plan to solve the problem • carries out the plan 	<ul style="list-style-type: none"> • needs extensive assistance to begin organizing a plan and needs some steps to follow 	<ul style="list-style-type: none"> • needs some assistance to organize and implement an effective strategy 	<ul style="list-style-type: none"> • needs minimal assistance to organize and implement an effective strategy 	<ul style="list-style-type: none"> • needs no assistance to organize and implement an effective strategy
Communication <ul style="list-style-type: none"> • clear explanations and full justifications for parts a) – e) • correct use of mathematical language 	<ul style="list-style-type: none"> • does not clearly explain or justify solution any of parts a) – e) • uses limited mathematical form 	<ul style="list-style-type: none"> • explains and justifies solution somewhat the parts of a) – e) • uses minimal mathematical form 	<ul style="list-style-type: none"> • explains and justifies solution fully • uses good mathematical form 	<ul style="list-style-type: none"> • explains, justifies and shows insight into the complexities of the solution • uses excellent mathematical form