

Mathematics 30-2

Student Self-Reflection Tool

Facebook Users

Name _____

CRITERIA		REFLECTION
Rubric (Excellence)	What it means...	
<p>Draws a detailed graph and determines a correct regression equation.</p>	<ul style="list-style-type: none"> • The graph is drawn correctly, with the points positioned properly. • The graph is labeled appropriately. • The scale of the graph is appropriate so that the trend is evident. • The correct regression equation is determined. 	
<p>Applies the regression equation correctly to determine the number of users and provides a perceptive discussion of the reasonableness of the answer.</p>	<ul style="list-style-type: none"> • The regression equation is used properly to predict the number of users in August 2012. • The steps used in the calculation are clearly shown and logically communicated. • The reasonableness of the answer is insightfully communicated. 	
<p>Correctly solves the exponential equation to predict when there will be one billion users.</p>	<ul style="list-style-type: none"> • Determines the correct answer to the question of when there would have been one billion users. • The solution to the exponential equation may be either graphical or algebraic. • The solution to the exponential equation is clearly explained using appropriate mathematical notation and communication. 	