

# Mathematics 30-2

## Student Self-Reflection Tool

### Facebook Users

Name \_\_\_\_\_

CRITERIA		REFLECTION
Rubric (Excellence)	What it means...	
<p>Draw a <b>detailed</b> graph and determine a correct regression equation.</p>	<ul style="list-style-type: none"> <li>• The graph is drawn correctly, with the points positioned properly.</li> <li>• The graph is labeled appropriately.</li> <li>• The scale of the graph is appropriate so that the trend is evident.</li> <li>• The correct regression equation is determined, appropriately rounded, and written in the form of an equation.</li> </ul>	
<p>Apply the regression equation <b>correctly</b> to determine the number of users and provide a <b>perceptive</b> discussion of the reasonableness of the growth model.</p>	<ul style="list-style-type: none"> <li>• The regression equation is used properly to predict the number of users in August 2012.</li> <li>• The steps used in the calculation are clearly shown and logically communicated.</li> <li>• The reasonableness of the growth model is insightfully communicated.</li> </ul>	
<p><b>Correctly</b> solve the exponential equation to predict when there will be one billion users.</p>	<ul style="list-style-type: none"> <li>• The correct answer to the question is determined.</li> <li>• The solution to the exponential equation may be either graphical or algebraic.</li> <li>• The solution to the exponential equation is clearly communicated using appropriate mathematical notation.</li> </ul>	