

Name _____

Date _____

Gabe and Erin were given the following geometric sequence: “**2, 6, 18, 54, 162,**” and were told to write an explicit formula. Critique the work of Erin and Gabe. Who do you think is correct? Use what you know about geometric formulas to support your answer.

<p>Erin:</p> <p>Erin writes an explicit formula for the geometric sequence. She says the explicit formula is</p> $a_1 = 2$ $a_n = 2 \bullet (3)^{n-1}$	<p>Gabe:</p> <p>Gabe writes an explicit formula for the geometric sequence. He says the explicit formula is</p> $a_1 = 2$ $a_n = 3 \bullet (2)^{n-1}$
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I think _____ is correct because _____

I know this is true because _____

_____ made a mistake when _____

We Understand
