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.	
Erin:	Gabe:
Erin writes an explicit formula for the geometric sequence. She says the explicit formula is	Gabe writes an explicit formula for the geometric sequence. He says the explicit formula is
$a_1 = 2$	$a_1 = 2$
$a_n = 2 \bullet (3)^{n-1}$	$a_n = 3 \bullet (2)^{n-1}$
I think is correct b	pecause
I know this is true because	
made a mistake when	
We Understand	

Date_____

Name_____

Write a mathematical argument to justify your answer. Use complete sentences and correct mathematical vocabulary. Make sure you include:	
□ E\ □ E\	Tho do you agree with, Erin or Gabe? vidence to support who is correct vidence to support who is incorrect farrants (from the We Understand section)