Naı	ne: Period: Date:				
	ductive Reasoning Bell work omplete the following statement.				
a.	is a statement about what you think will happen based on the pattern you observed.				
b.	One way to show that a conjecture is not true is to find				
2. I	s each conjecture correct or incorrect?				
a.	Every triangle has three sides.				
b.	The opposite of a number is negative.				
Mι	tiple Choice				
3. \	Vrite the next number in the pattern: $1,5,25,125$				
a.	150				
b.	625				
с.	250				
4. \	What is the first number in the pattern?, $4, 9, 16, 25 \dots \dots \dots$				
a.	1				
b.	2				
c.	3				
5. /	re two numbers enough to show a pattern?				
a.	Yes				
b.	No				

Nar	Name: Per	iod:	Date:			
In	Inductive Reasoning Bell work ANSWERS					
1. (1. Complete the following statement.					
a.	a. A conjecture is a statement about what you think will happer	conjecture is a statement about what you think will happen based on the pattern you observed.				
b.	One way to show that a conjecture is not true is to find a counterexample.					
2. I	2. Is each conjecture correct or incorrect?					
a.	a. Every triangle has three sides.	very triangle has three sides. The conjecture is correct.				
b.	b. The opposite of a number is negative. The co	<mark>onjecture is inc</mark>	correct. The opposite of –2 is 2			
	Multiple Choice					
	3. Write the next number in the pattern: 1, 5, 25, 125					
a.						
b.						
c.	c. 250					
4. ۱	4. What is the first number in the pattern? $___$, 4, 9, 16, 25					
a.	a. <u>1</u>					
b.	b. 2					
c.	c. 3					
5. <i>l</i>	5. Are two numbers enough to show a pattern?					
a.	a. Yes					
b.	b. No					

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