

Pin:
Name:

- . **Conjecture C.** There exist integers x and y such that $6x + 15y = 9$.
1. Symbolically write Conjecture C.
 2. State whether Conjecture C is true or false.
 3. Justify your answer to the previous part. You should understand that this means the following. If Conjecture C is true, then provide a proof of Conjecture C. If Conjecture C is false, then provide a counterexample and clearly explain why the counterexample is indeed a counterexample.

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