

- . **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 part 2. If Conjecture C is true, then provide a specific example that shows the conjecture is true. If Conjecture C is false, then clearly explain why the conjecture is false.

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DELETE this whole sentence and THEN put your answer to ALL parts down here.