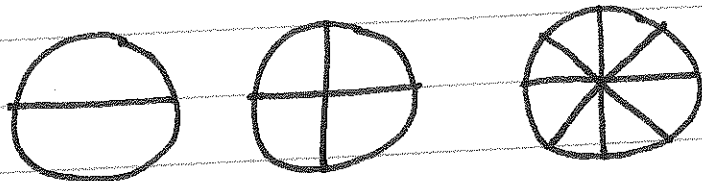


## 1.1 Patterns : Inductive Reasoning

Example:

What is the next pattern?



What are the next two terms?

3, 6, 12, 24

48, 96

Conjecture: The square of any number is greater than the original number.

Find a counterexample.

1

Inductive Reasoning

Conjecture

Counterexample



Definitions