New Concepts

- Inductive Reasoning

Problem Set #18

"The grand thing is to be able to reason backwards."

- Arthur Conan Doyle

New Postulates and Theorems

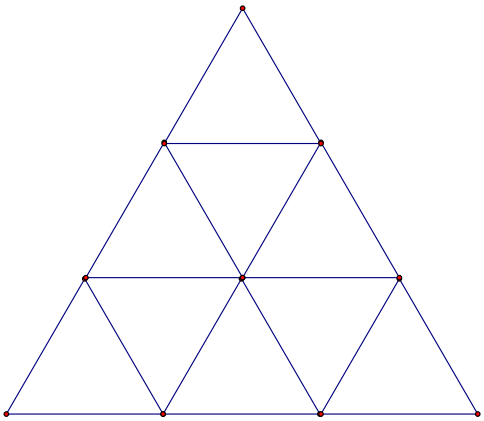
Exercises:

p.112 #1-14, p.98 #28-31

Problems:

17-1 Counting Triangles

How many triangles of all sizes are in an NxNxN triangle?
When N = 1?
When N = 2?
When N = 3?
When N = 4?
When N = 5?
Can you inductively predict N = 6, 7, or 10?



an example of N = 3