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IGN Code Foo

1. YouTube Video <https://youtu.be/i_HsbXerP0A>
2. To make a to scale model of the Empire State Building out of Lincoln Logs, I would first get the measurements for the Empire State Building. Which are 1,250 ft. tall, 87,120 ft2  per floor, and 102 floors. Next, I would get the measurements for the Lincoln Logs, which are 10 ½ inches for the longest, ones with a ¼ inch overhang on both sides. That is about 10 inches2 of building space for a set of four logs. Assuming the each log set is one inch high, this proof will demonstrate how many logs it will take to build the Empire State Building.

* Frist, convert the height to inches. There are 12 inches in a foot: 1,250 x 12 = 15,000 inches.
* Second, convert square feet into square inches: 87,120 x 12 = 1,045,440 inches2
* Next, we know that four logs are 10 inches2 when build into a square.
* The next step would be to, take the area of a floor and divide it by one set of logs to see how may sets it would take to fill the floor: 1,045,440 / 10 = 104,554 sets of 4 logs.
* That will make a building with the footprint of the Empire State Building that is one inch high.
* Next, is to times it by the height of the building, which is 15,000 inches: 15,000 x 104,554 = 1,568,160,000 sets of 4 logs.
* Finley to find out how many logs it would take you would time the sets by 4: 1,568,160,000 x 4 = 6,272,640,000 logs
* It would take 6,272,640,000 Lincoln Logs to create a full-scale model of the Empire State Building. Q.E.D.

1. Code Challenge <https://github.com/rphljr/IGNcodefooRobert>
2. Web Page I designed and Implemented <http://freegoldwatch.com>