

# Finish Yesterdays stuff

Calculators

## The Horse Problem

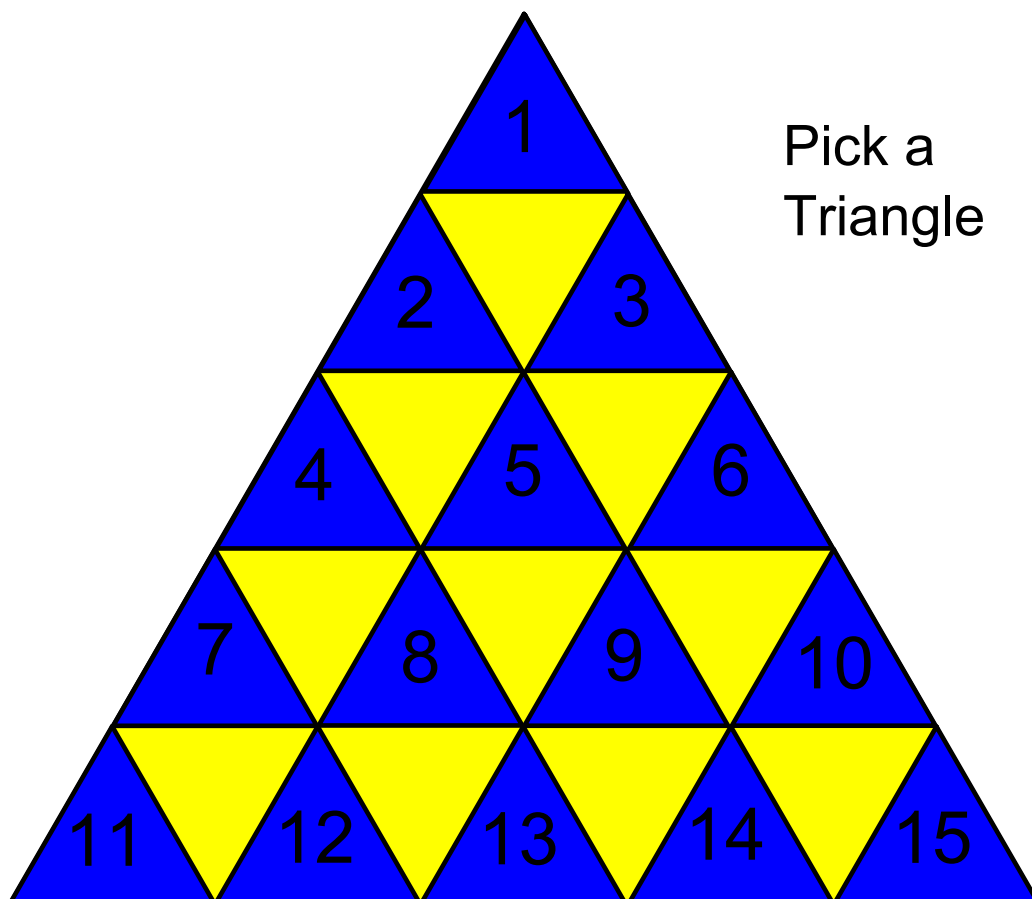
A man buys a horse for 50 dollars. He decides he wants to sell his horse later and gets 60 dollars. He then decides to buy it back again and paid 70 dollars. However, he could no longer afford to keep it and he sold it for 80 dollars.

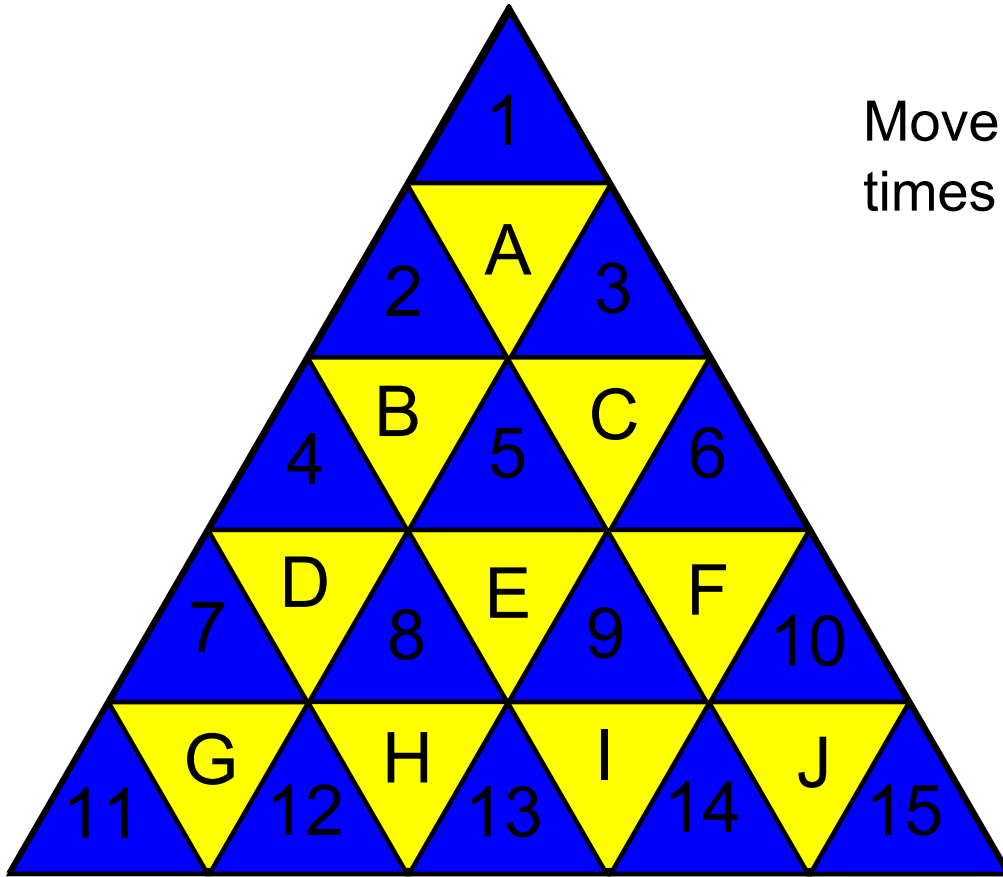
Did he make money? lose money? break even? Is there a max or minimum he can make? Explain why. Can you form an equation to model this?



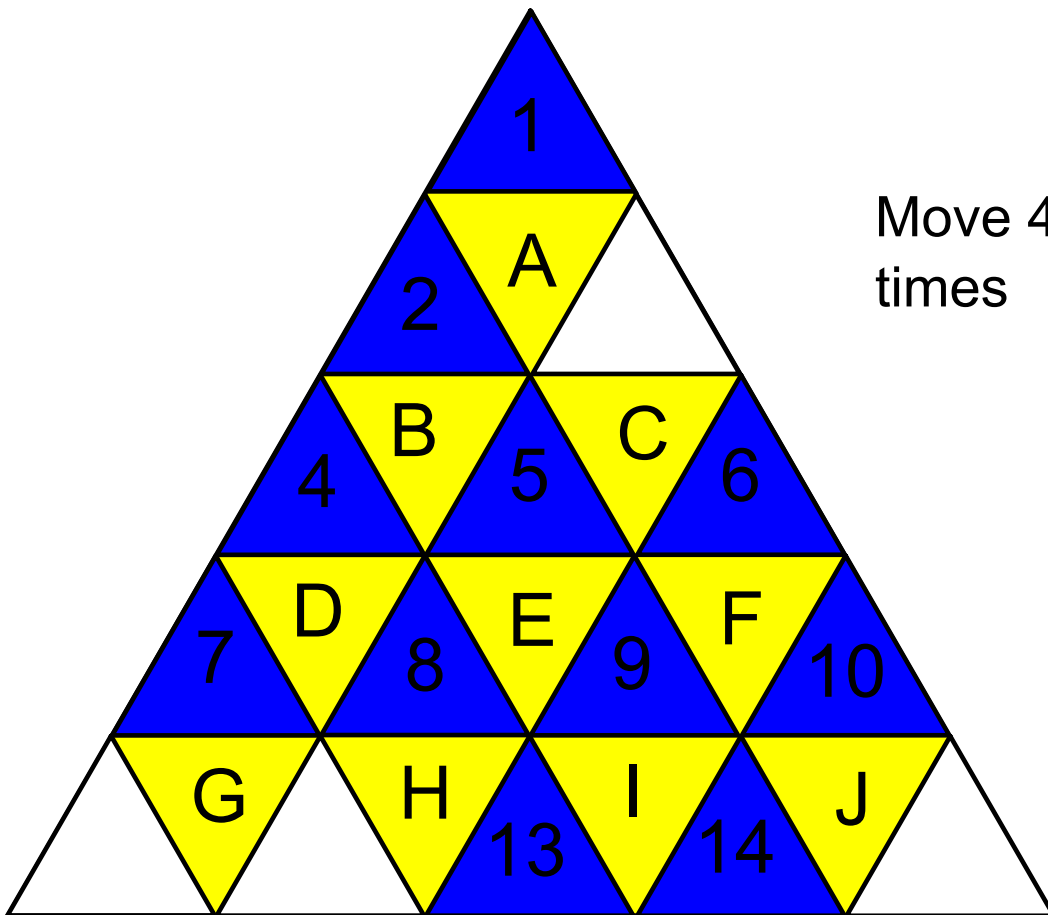
You have two containers a 5 cup and a 3 cup. you need only one cup. How do you get it???

# Mind Blown..... Triangles

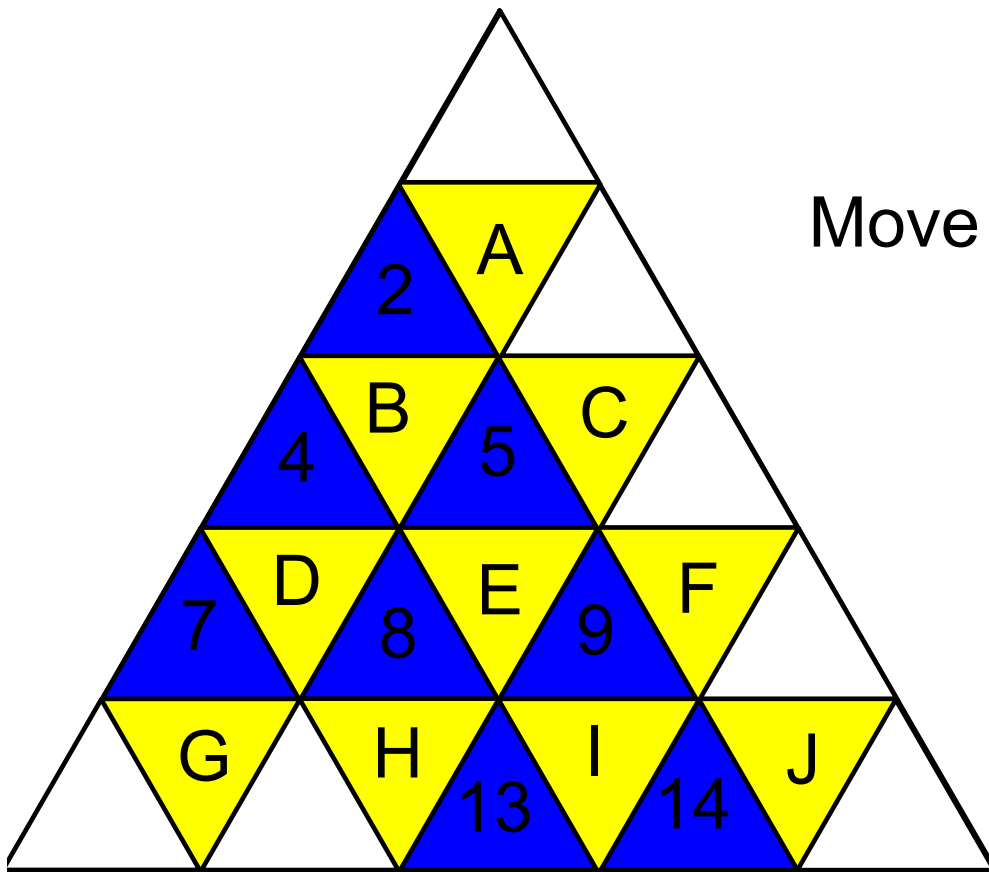




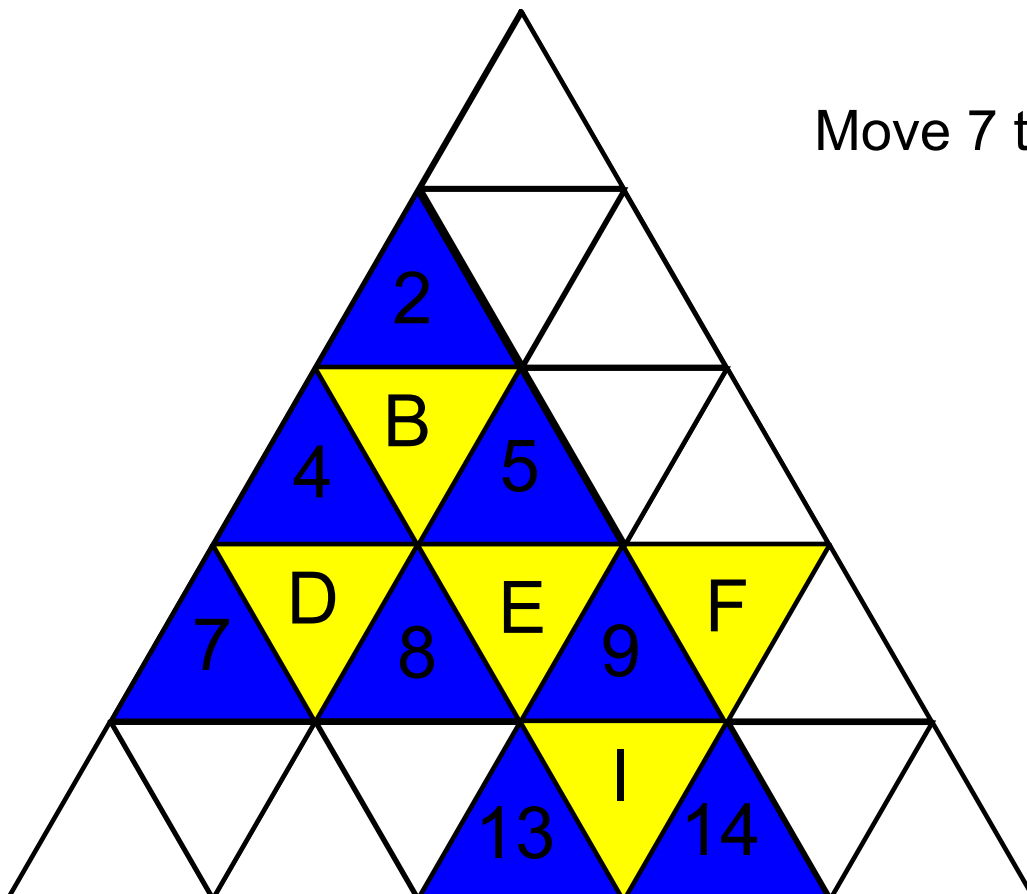
Move 3  
times



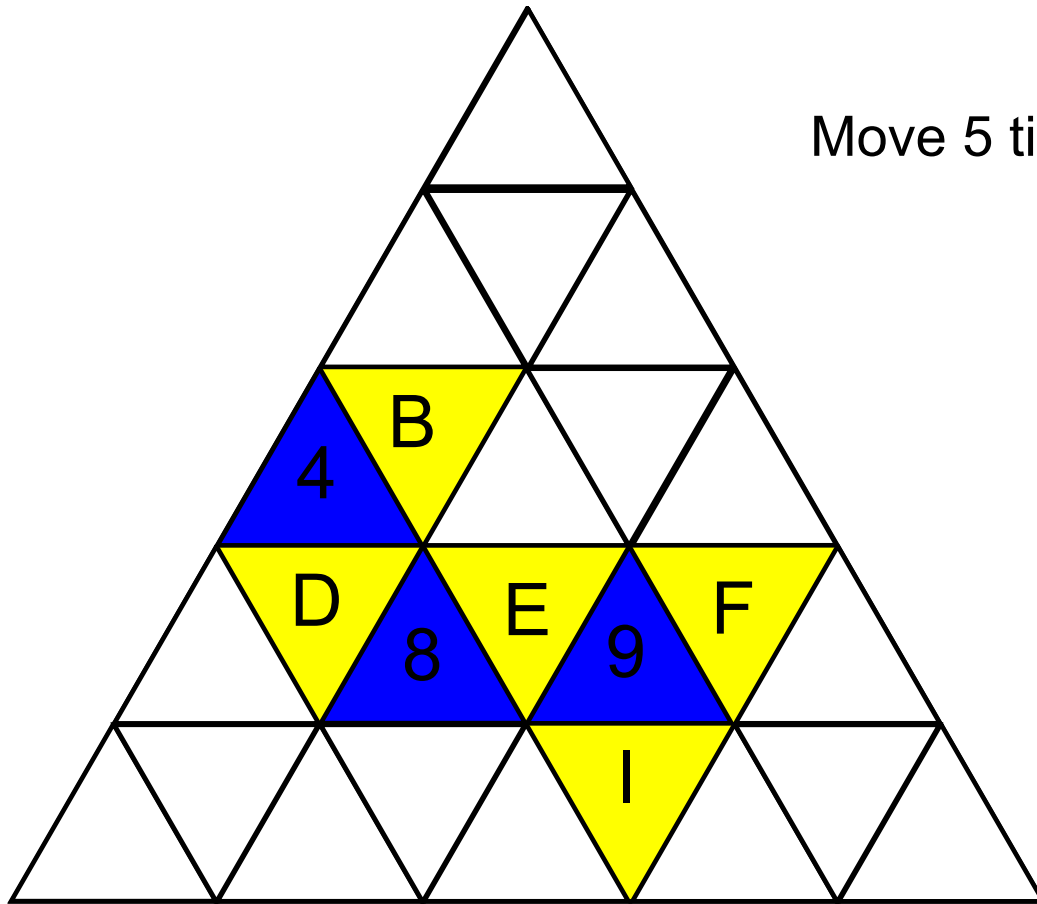
Move 4  
times



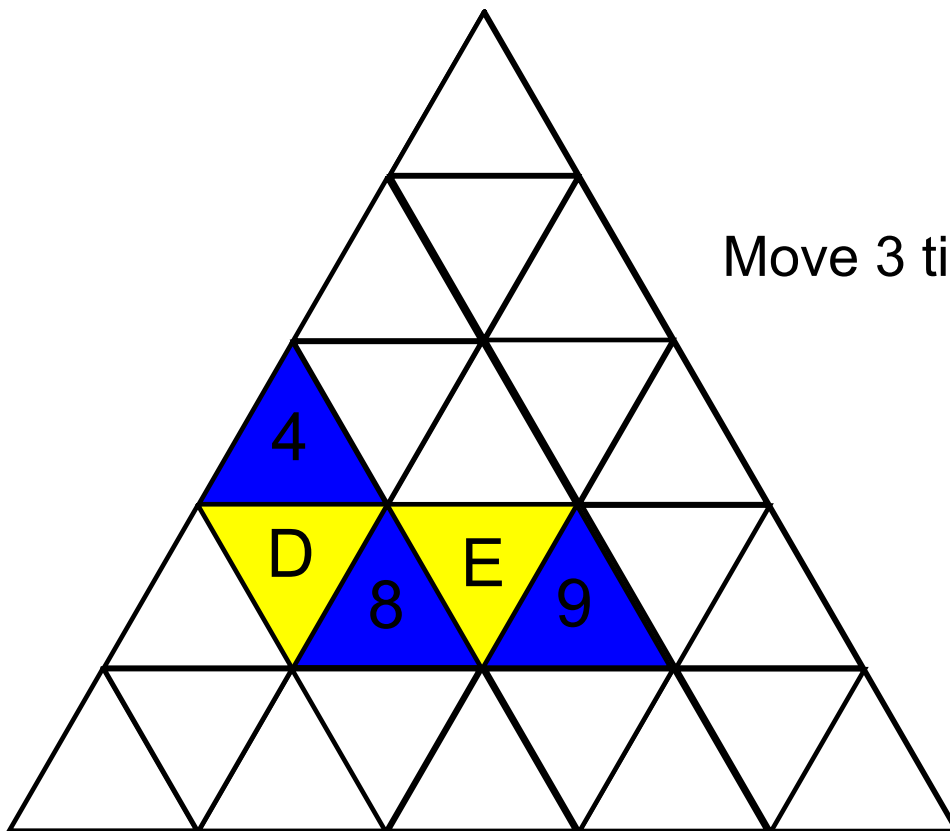
Move 5 times



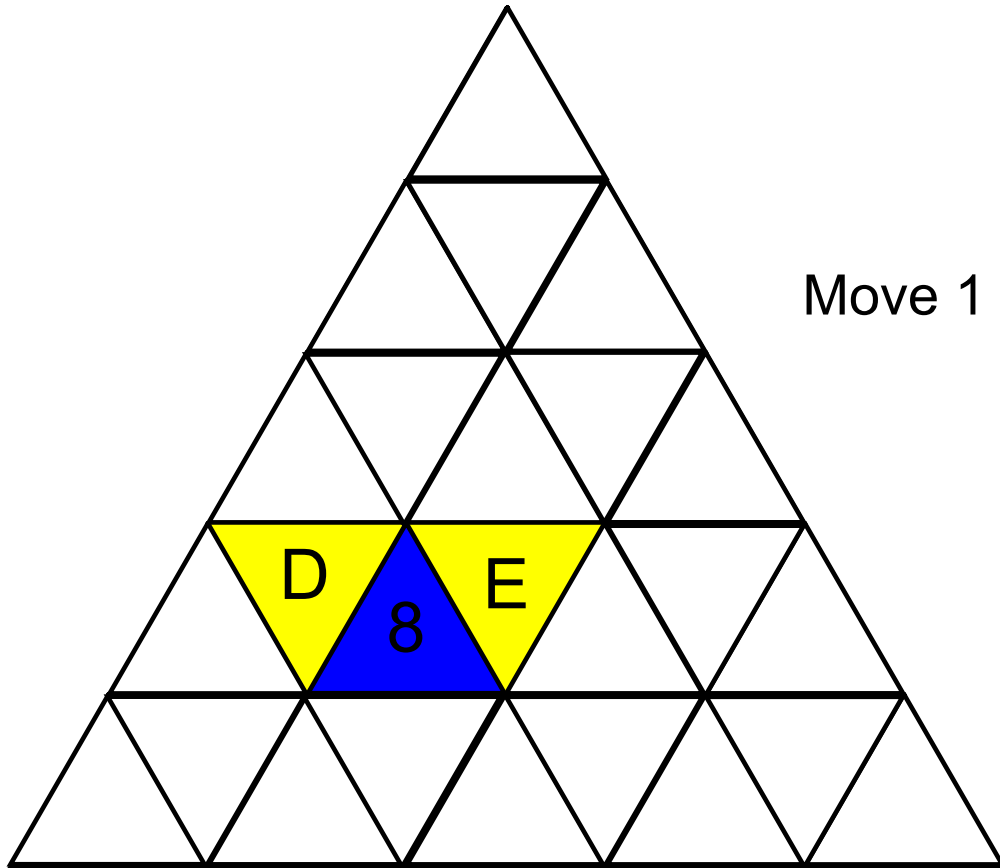
Move 7 times



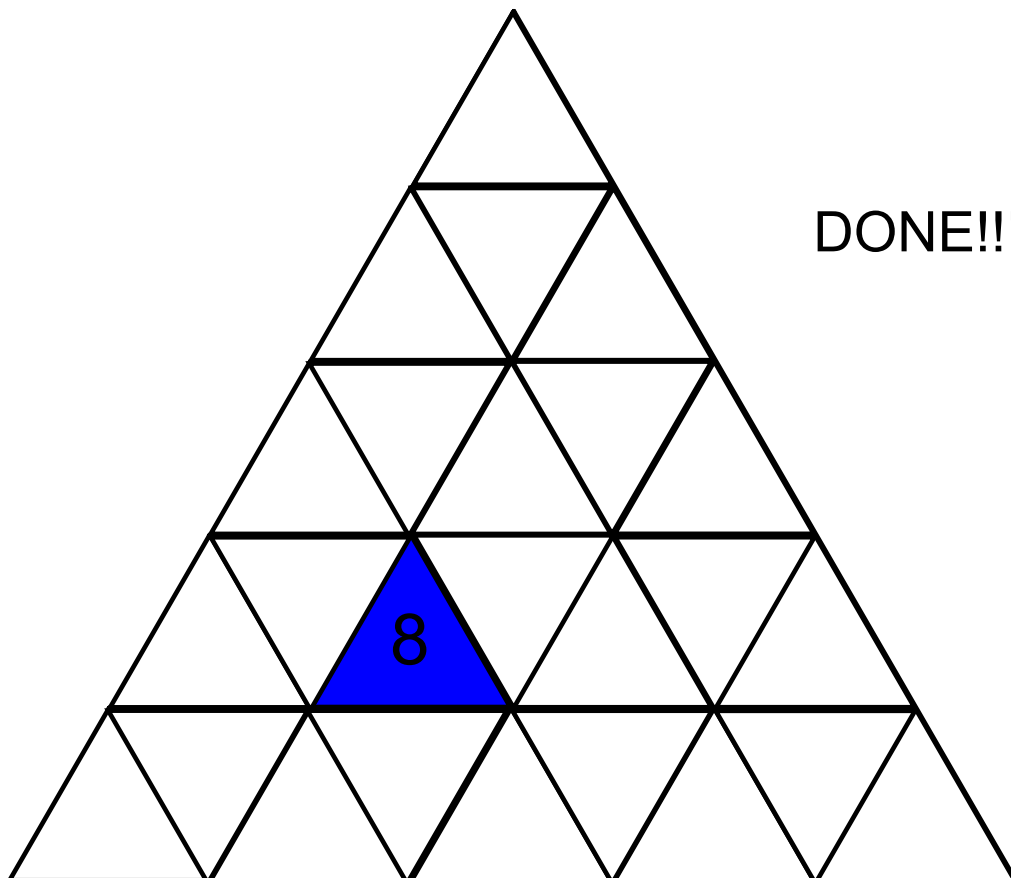
Move 5 times



Move 3 times



Move 1 time



DONE!!!!

1000 lockers  
1000 students

#1 opens all lockers

#2 changes every 2<sup>nd</sup> locker  
(2, 4, 6, ...)

#3 changes every 3<sup>rd</sup> locker  
(3, 6, 9, 12, ...)

repeats  
1000 times

what's it look  
like at the  
end?

#523  
#888

1