**Knights and Knaves**

Knights tell True, Knaves speak lies.

Black Guard: The White Guard is a Knave.

White Guard: Neither the Black Guard nor I are Knaves.

Which one am I?

Ans: Black Guard is Knight, White is Knave.

**The probability of getting a Crit 20 when rolling with an advantage**

Of faces there are twenty,

And rolls twice and plenty,

Taking the higher of the two,

What are the chances of getting the critical twenty?

Ans: 2n-1/n^2 = 2(20)-1/(20\*20) = 39/400 = 9.75% or 0.0975

**Addition of knots**