Using different shaped theoretical distributions:

Rectangular (Distribution in which all scores have the same frequency)
If you made 78 draws from a deck, replacing each card, how many 5s and 8s would you expect?

Binomial (distribution of the frequency of events that can have only two outcomes)
If you throw three coins\(^*\) in the air 16 time how many times would you expect to find zero heads?

Normal

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What proportion beyond .55
Between then mean and \(z=-2.01\).

Out of 250 students

How many would you expect to IQ's of 110 or higher?

How many would expect to have IQ's greater the 70?

\(^*\)multiplication principle.

BRING A DECK OF CARDS TOMORROW