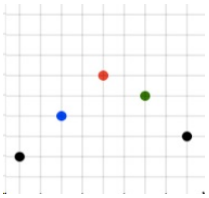
Math 5710 Friday, 7/10/20 Quiz 14

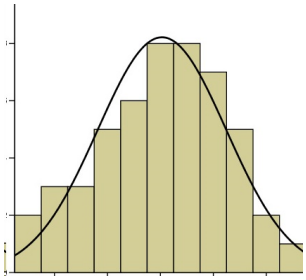
1. What is your name?

2. Write a paragraph that explains how you imagine Math 5710 proceeding so that we make a transition from discrete probability distributions (e.g., a binomial distribution) and continuous probability distribution (e.g., normal probability distributions)as we once transitioned from Riemann sums to integrals.

Sample paragraph:

Employing cues from our attention interpreting students' test scores in light of the test's standard error of measurement, we might well think of each $D_o \ni D_o \in (D_o - SEM, D_o + SEM)$ and then maybe we need to associate that with a probability function. This suggests that for at lease some experiments histograms should replace dot graphs. Employing cues from the association between a Riemann sum and an integral, I imagine we're going to examine discrete probability distributions based on some natural number of cases (call that number "n") and looking at how the distributions fluctuate as n increases without limit (i.e., $n \to \infty$).





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3. Smile.