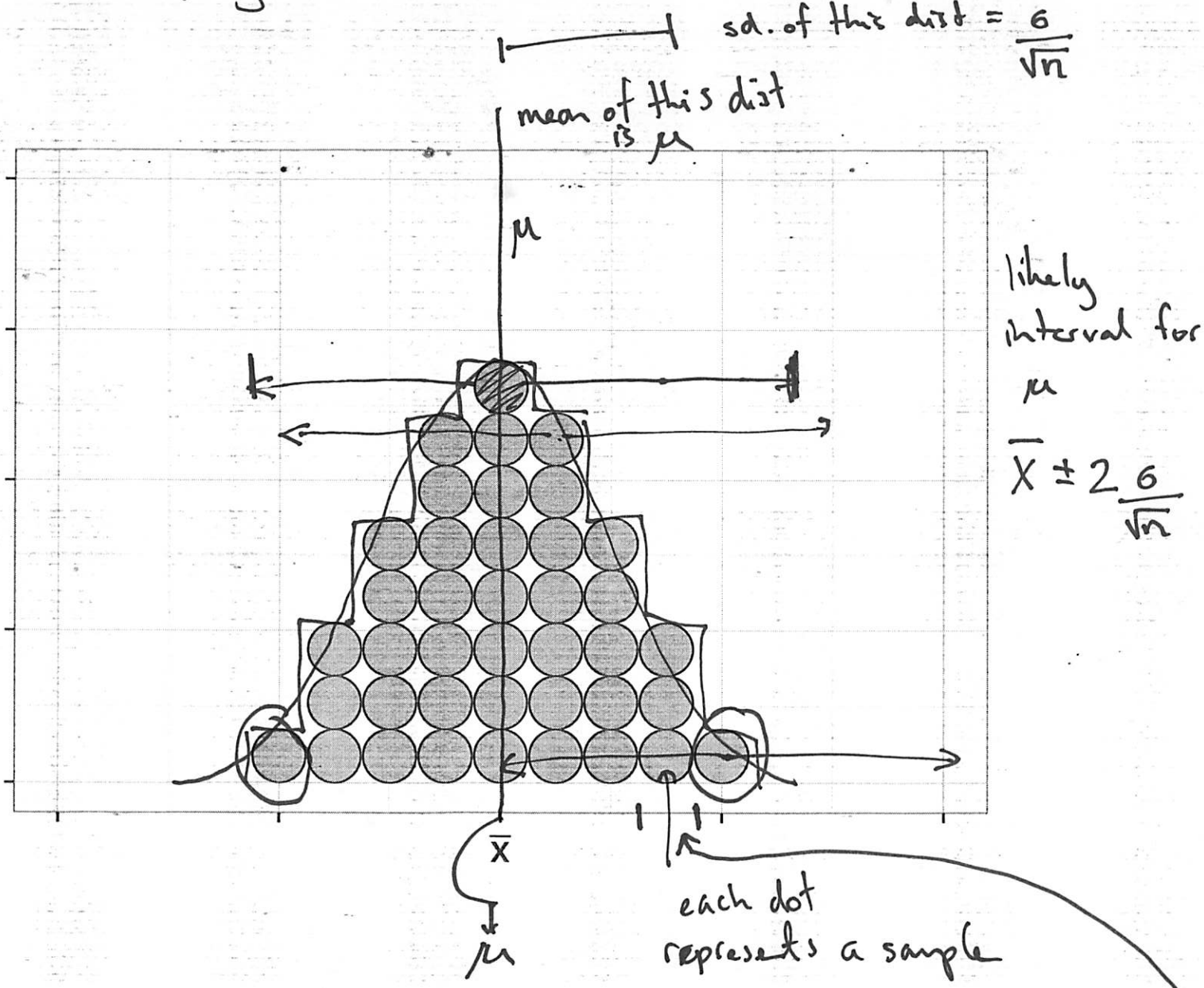
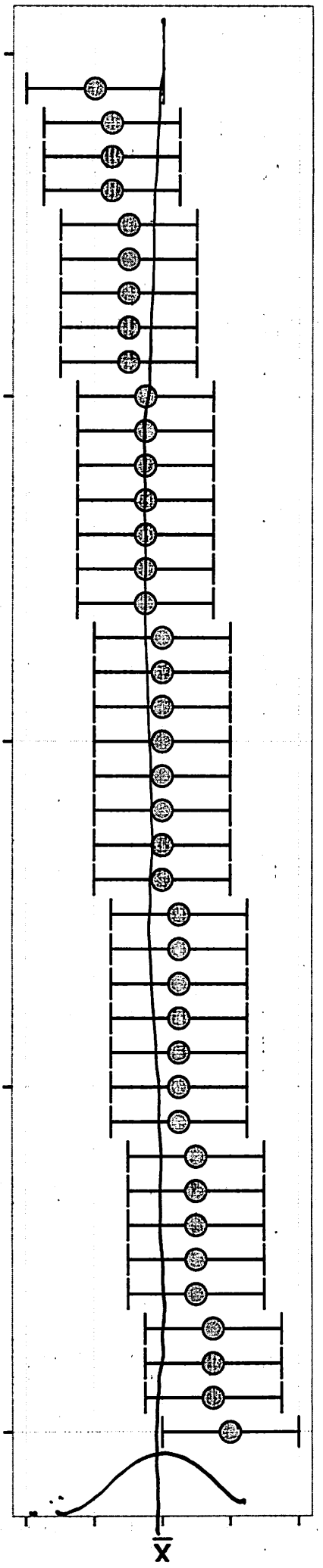
Sampling Dist of $\bar{X}$



likely interval for μ

$\bar{X} \pm 2\frac{\sigma}{\sqrt{n}}$



40 sample avg, $\bar{X}$,

2 ~~de~~ intervals don't cover the true mean, μ

$2/40 \approx 5\%$