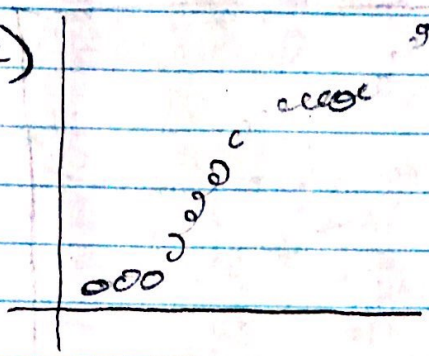
| | Normal | Gamma | Weibull | Beta |
|---|---|---|---|---|
| one | Not Normal | Possibly, $\alpha = 2, \beta = 5$ | Less likely $\alpha = 1.5, \beta = 11$ | Not Beta |
| two | Possibly $\mu = 3$, sd = 5 | Not Gamma | Not Weibull | Not Beta |
| three | Not Normal | Not Gamma | less likely $\alpha = 2.24, \beta = 0.3$ | possibly, $\alpha = 3, \beta = 8$ |
| four | Not Normal | Not Gamma | Not Weibull | Not Beta |
| | Poisson, $\lambda = 5$ | | | |

Seth
Ozment

2. a)



b) $X \sim G(0.05)$

$$E(X) = \frac{1}{p} = \frac{1}{0.05} = \boxed{20 \text{ plots}}$$