$Y_{1} = \# \text{ Constantial In the 5} \text{ additions simples} \qquad Y_{1} \sim \text{Bin} (m=5, p)$   $p(Y_{1}=2)$   $p(Y_{1}=2|p) = \binom{5}{2} p^{2} (1-p)^{3}$   $h_{1} \text{nt} \text{ think how you would do}$   $y = \frac{1}{3} \frac{1}$