



Frampy n Independent con tosses of him to see the Finds (each gots an ace) q=(N)q p(12 hads) = 2 p (802) $\frac{2}{2} \left(\begin{array}{c} n \\ k \end{array} \right) p^{k} \left(1-p \right)^{n-k}$ $\frac{2}{2} \left(\begin{array}{c} n \\ k \end{array} \right) p^{k} \left(1-p \right)^{n-k}$ $\frac{2}{2} \left(\begin{array}{c} n \\ k \end{array} \right) p^{k} \left(1-p \right)^{n-k}$ Example - 300+ 9,10 takes well hads whatis the prob that Frist two tosses were heads? Allow comes of Event = p3(1-p)? Wo.qB = 10 cg = 10! = 10 x x x x x x = 120 Start with HH = 8(1 = 81) = 8x1 = 8 P = 17 1/2 1 100 15 50 2415

52 cord diene, deal + to 4 places of to branche a Crangle Frod P (each gets an ace) outcome = 521 99 = 152 (59) - 41 × 481 1 11-181 181-181 or 100 8