prb7b\_2pair3\_4ofKind Sunday, October 29, 2023 12:37 AM sample size = 52.51.50.49 = 6,497,400  $\frac{C_{1}}{13}C_{1} \times \frac{C_{2}}{4}C_{2} + \frac{C_{1}}{13}C_{1} + \frac{C_{2}}{4}$ 10142 × 100 = 14.6% of Jethy 3 of a King sample size: 52-51.50 = 132,600  $\frac{C_{1}(13)}{13} \frac{13!}{1! \, 13!} \times \frac{C_{3}(13)}{4} \frac{4!}{3! \, 1!}$ 13.12.11 X 4.3.2.1 1.12.11 X 3.2.1.1 13 x 4 = 52 ways to get 3 of a kind  $\frac{52}{132,600} \times 100 = 0.0392\%$ Four of a Kind: sample size: | 52.51.50.49 = 6,497,400 13 C1 X 4 C4  $\binom{13}{1} \frac{13!}{1!(13-1)!} \times \binom{4}{4} \frac{4!}{4!}$ 13 X = 13 ways to get
four of a kind 13 × 100 = 0.00020008 %
6497400 of gething "Pour of a Kind"