2.30 $\quad \binom{4}{2} \left(\frac{5}{12}\right)^2 \left(1 - \frac{5}{12}\right)^{4-2} = \frac{4!}{2! \, (4-2)!} \left(\frac{5}{12}\right)^2 \left(\frac{7}{12}\right)^2 = 6 \cdot \frac{25}{144} \cdot \frac{49}{144} = \frac{1225}{3456} \approx 35{,}45 \ \%$