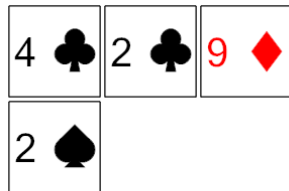




Probability - Cards, From Hand, Pick Two Non-Ordered, To Binomial Equation

1 Calculate the probability of drawing 2 2s. Show as a fraction in binomial (bracket) notation



P(2 2s)

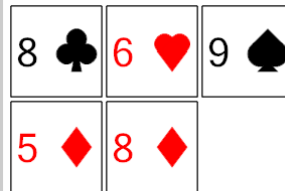
A $\frac{\binom{4}{2}}{\binom{52}{2}}$

B $\frac{\binom{2}{2}}{\binom{52}{4}}$

C $\frac{\binom{2}{2}}{\binom{4}{2}}$

D $\frac{\binom{2}{4}}{\binom{2}{2}}$

2 Calculate the probability of drawing 2 8s. Show as a fraction in binomial (bracket) notation



P(2 8s)

A $\frac{\binom{2}{2}}{\binom{5}{2}}$

B $\frac{\binom{2}{5}}{\binom{2}{2}}$

C $\frac{\binom{5}{2}}{\binom{2}{2}}$

D $\frac{\binom{2}{3}}{\binom{8}{3}}$

3 Calculate the probability of drawing 2 Diamonds. Show as a fraction in binomial (bracket) notation



P(2 Diamonds)

A $\frac{\binom{2}{2}}{\binom{2}{3}}$

B $\frac{\binom{4}{2}}{\binom{5}{2}}$

C $\frac{\binom{2}{3}}{\binom{2}{2}}$

D $\frac{\binom{2}{2}}{\binom{3}{2}}$

4 Calculate the probability of drawing 2 Clubs. Show as a fraction in binomial (bracket) notation



P(2 Clubs)

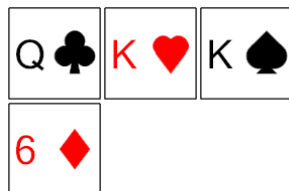
A $\frac{\binom{2}{2}}{\binom{3}{2}}$

B $\frac{\binom{2}{3}}{\binom{2}{2}}$

C $\frac{\binom{2}{2}}{\binom{2}{3}}$

D $\frac{\binom{2}{2}}{\binom{5}{2}}$

5 Calculate the probability of drawing 2 Kings. Show as a fraction in binomial (bracket) notation



P(2 Ks)

A $\frac{\binom{4}{2}}{\binom{6}{2}}$

B $\frac{\binom{4}{2}}{\binom{2}{2}}$

C $\frac{\binom{2}{2}}{\binom{4}{2}}$

D $\frac{\binom{3}{4}}{\binom{6}{4}}$

6 Calculate the probability of drawing 2 Diamonds. Show as a fraction in binomial (bracket) notation



P(2 Diamonds)

A $\frac{\binom{2}{2}}{\binom{2}{3}}$

B $\frac{\binom{2}{2}}{\binom{3}{2}}$

C $\frac{\binom{3}{2}}{\binom{2}{2}}$

D $\frac{\binom{4}{2}}{\binom{5}{2}}$

7 Calculate the probability of drawing 2 Aces. Show as a fraction in binomial (bracket) notation



P(2 As)

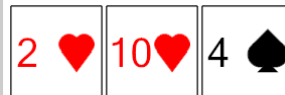
A $\frac{\binom{4}{2}}{\binom{5}{2}}$

B $\frac{\binom{2}{2}}{\binom{3}{2}}$

C $\frac{\binom{2}{3}}{\binom{2}{2}}$

D $\frac{\binom{3}{2}}{\binom{6}{2}}$

8 Calculate the probability of drawing 2 Hearts. Show as a fraction in binomial (bracket) notation



P(2 Hearts)

A $\frac{\binom{2}{2}}{\binom{3}{2}}$

B $\frac{\binom{2}{2}}{\binom{2}{3}}$

C $\frac{\binom{4}{3}}{\binom{5}{3}}$

D $\frac{\binom{3}{2}}{\binom{2}{2}}$