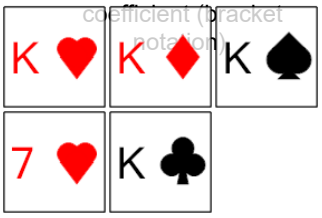
Name

Probability Counting - Choose N Cards from M, Count of Favorable Outcomes - To Bracket Notation

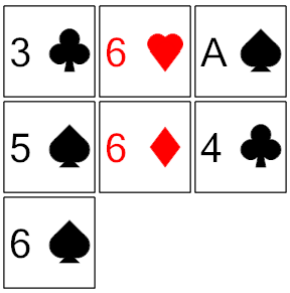
1 How many ways can two Kings be drawn from this set? Show as a binomial coefficient (bracket notation).



A $\binom{2}{4}$ B $\binom{5}{2}$ C $\binom{4}{3}$

D $\binom{3}{2}$ E $\binom{4}{2}$

2



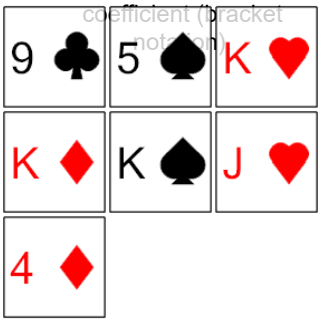
How many ways can two 6s be drawn from this set? Show as a binomial coefficient (bracket notation).

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

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

E $\binom{3}{2}$

3 How many ways can two Kings be drawn from this set? Show as a binomial coefficient (bracket notation).



A $\binom{3}{3}$ B $\binom{4}{3}$ C $\binom{5}{2}$

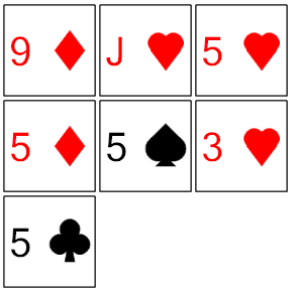
D $\binom{3}{2}$ E $\binom{2}{3}$ F $\binom{4}{2}$

4 How many ways can two Kings be drawn from this set? Show as a binomial coefficient (bracket notation).

A $\binom{3}{3}$ B $\binom{3}{2}$ C $\binom{4}{2}$

D $\binom{2}{3}$ E $\binom{5}{3}$ F $\binom{4}{4}$

5



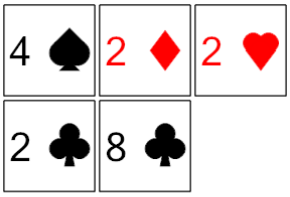
How many ways can two 5s be drawn from this set? Show as a binomial coefficient (bracket notation).

A $\binom{5}{3}$ B $\binom{4}{2}$

C $\binom{3}{2}$ D $\binom{2}{4}$

E $\binom{6}{2}$ F $\binom{3}{3}$

6

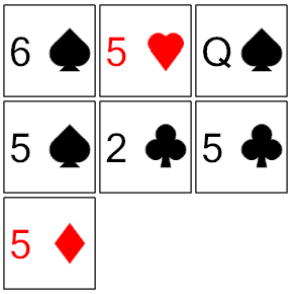


How many ways can two 2s be drawn from this set? Show as a binomial coefficient (bracket notation).

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

C $\binom{4}{2}$ D $\binom{3}{3}$

7



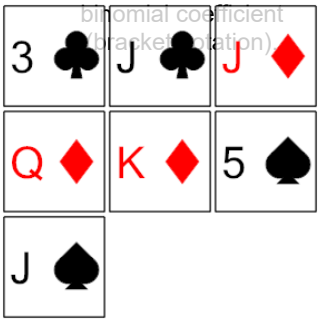
How many ways can two 5s be drawn from this set? Show as a binomial coefficient (bracket notation).

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

C $\binom{5}{2}$ D $\binom{6}{2}$

E $\binom{3}{3}$ F $\binom{3}{2}$

8 How many ways can two Jacks be drawn from this set? Show as a binomial coefficient (bracket notation).



A $\binom{3}{2}$ B $\binom{3}{3}$ C $\binom{4}{2}$

D $\binom{5}{3}$ E $\binom{2}{3}$ F $\binom{4}{4}$