

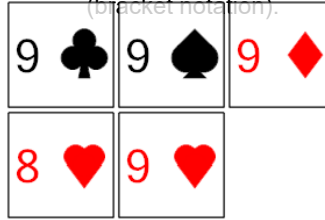


Math worksheet on 'Probability Counting - Choose / Count of Total Outcomes - To Bracket Notation (Le broader unit on 'Probability and Statistics - Perr Combinations Calculating - Practice

Learn online:

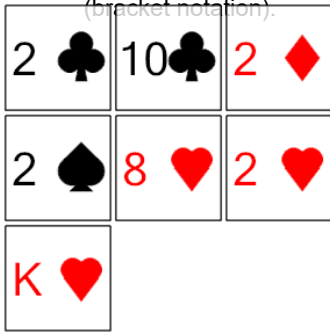
app.mobius.academy/math/units/probability_and_statistics_permutations_and_combi

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



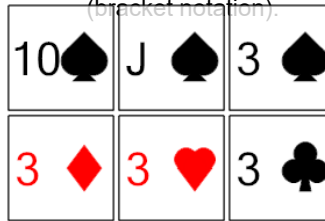
- a $\binom{2}{5}$
- b $\binom{6}{2}$
- c $\binom{3}{2}$
- d $\binom{7}{2}$
- e $\binom{5}{2}$
- f $\binom{7}{3}$

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



- a $\binom{7}{3}$
- b $\binom{5}{5}$
- c $\binom{6}{4}$
- d $\binom{3}{7}$
- e $\binom{7}{2}$
- f $\binom{6}{5}$

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



- a $\binom{6}{2}$
- b $\binom{6}{3}$
- c $\binom{3}{6}$
- d $\binom{5}{2}$
- e $\binom{7}{4}$
- f $\binom{4}{2}$

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



- a $\binom{4}{2}$
- b $\binom{7}{3}$
- c $\binom{3}{2}$
- d $\binom{5}{2}$
- e $\binom{4}{3}$
- f $\binom{2}{5}$

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



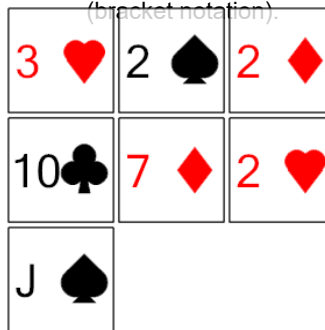
- a $\binom{6}{2}$
- b $\binom{7}{4}$
- c $\binom{5}{3}$
- d $\binom{7}{2}$
- e $\binom{2}{6}$
- f $\binom{8}{2}$

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



- a $\binom{3}{2}$
- b $\binom{5}{3}$
- c $\binom{3}{5}$
- d $\binom{6}{5}$
- e $\binom{5}{2}$
- f $\binom{4}{4}$

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



- a $\binom{2}{7}$
- b $\binom{8}{2}$
- c $\binom{6}{2}$
- d $\binom{7}{2}$
- e $\binom{6}{4}$
- f $\binom{8}{4}$