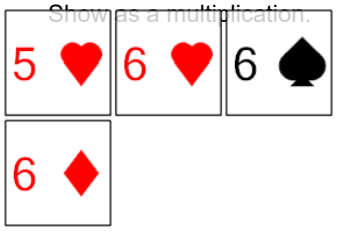
Math worksheet on *'Probability Counting - Duplicate (in 4 Cards, 1 Repeat - to Equation (Level 1)'*. Part (broader unit on *'Probability and Statistics - Probabilit Factorials Practice'*

Learn online:

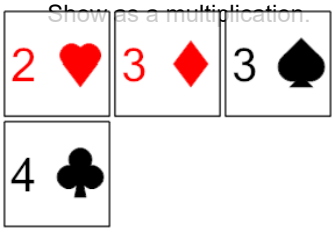
app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1 How many ways can these cards be arranged to still be arranged smallest to largest? Show as a multiplication.



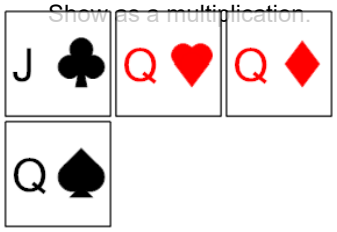
a $\frac{2}{3 \cdot 2 \cdot 1}$ b $\frac{1}{3 \cdot 2 \cdot 1}$ c $3 \cdot 2$ d $3 \cdot 2 \cdot 2$ e $3 \cdot 2 \cdot 3 \cdot 2$ f $4 \cdot 3 \cdot 2$

2 How many ways can these cards be arranged to still be arranged smallest to largest? Show as a multiplication.



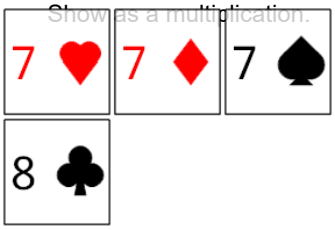
a $2 \cdot 2$ b $2 \cdot 3 \cdot 2$ c $4 \cdot 3 \cdot 2$ d 2 e $\frac{1}{2 \cdot 1}$ f $\frac{2}{2 \cdot 1}$

3 How many ways can these cards be arranged to still be arranged smallest to largest? Show as a multiplication.



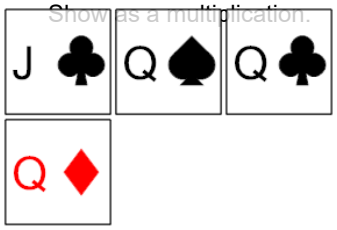
a $\frac{2}{3 \cdot 2 \cdot 1}$ b $\frac{1}{3 \cdot 2 \cdot 1}$ c $3 \cdot 2 \cdot 2$ d $5 \cdot 4 \cdot 3 \cdot 2$ e $4 \cdot 3 \cdot 2$ f $3 \cdot 2$

4 How many ways can these cards be arranged to still be arranged smallest to largest? Show as a multiplication.



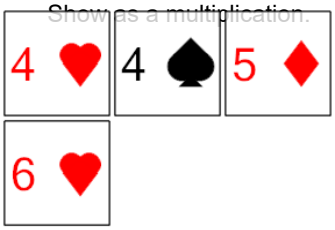
a $3 \cdot 2 \cdot 3 \cdot 2$ b $5 \cdot 4 \cdot 3 \cdot 2$ c $3 \cdot 2 \cdot 2$ d $3 \cdot 2$ e $4 \cdot 3 \cdot 2$ f $\frac{1}{3 \cdot 2 \cdot 1}$

5 How many ways can these cards be arranged to still be arranged smallest to largest? Show as a multiplication.



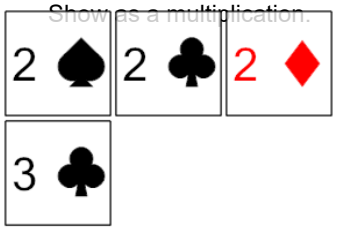
a $3 \cdot 2$ b $3 \cdot 2 \cdot 3 \cdot 2$ c $\frac{2}{3 \cdot 2 \cdot 1}$ d $\frac{1}{3 \cdot 2 \cdot 1}$ e $4 \cdot 3 \cdot 2$ f $3 \cdot 2 \cdot 2$

6 How many ways can these cards be arranged to still be arranged smallest to largest? Show as a multiplication.



a 2 b $\frac{1}{2 \cdot 1}$ c $\frac{2}{2 \cdot 1}$ d $2 \cdot 2$ e $3 \cdot 2$ f $2 \cdot 3 \cdot 2$

7 How many ways can these cards be arranged to still be arranged smallest to largest? Show as a multiplication.



a $5 \cdot 4 \cdot 3 \cdot 2$ b $3 \cdot 2$ c $3 \cdot 2 \cdot 3 \cdot 2$ d $\frac{2}{3 \cdot 2 \cdot 1}$ e $\frac{1}{3 \cdot 2 \cdot 1}$ f $4 \cdot 3 \cdot 2$