



Math worksheet on 'Probability Counting - Duplicate 5 Cards, 2 Repeat - to Equation (Level 1)'. Part of a unit on 'Probability and Statistics - Binomial Notation'.

Learn online:

app.mobius.academy/math/units/probability_and_statistics/probability_with_binomial

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



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

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



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

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



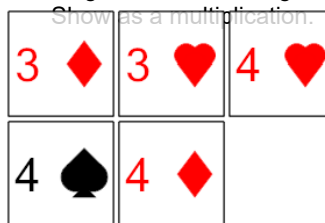
a	$\frac{2}{2 \cdot 2}$	b	$3 \cdot 2 \cdot 2$
c	$2 \cdot 3 \cdot 2$	d	$\frac{1}{2 \cdot 2}$
e	$2 \cdot 4 \cdot 3 \cdot 2$	f	$2 \cdot 2$

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



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

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

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



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

7 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	$3 \cdot 2 \cdot 4 \cdot 3 \cdot 2$
c	$\frac{2}{3 \cdot 2 \cdot 2}$	d	$\frac{1}{3 \cdot 2 \cdot 2}$
e	$3 \cdot 2 \cdot 2$	f	$4 \cdot 3 \cdot 2 \cdot 2$