






Math worksheet on 'Probability Counting - Duplicat Orders in 3 Cards, 1 Repeat - to Equation (Level 1)'.
of a broader unit on 'Probability and Statistics - Probability with Factorials Intro'

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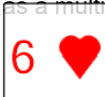

app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

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

		
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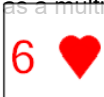

a	b	c
$\frac{2}{2 \cdot 1}$	$\frac{1}{2 \cdot 1}$	$4 \cdot 3 \cdot 2$
d		
2		

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

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

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

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

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

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

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

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

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

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

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

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