Mobius Math Club

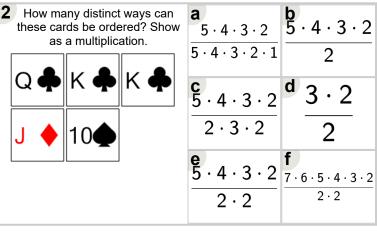


Math worksheet on 'Probability Counting - Ways to O Cards, 1 Repeat - to Equation (Level 1)'. Part of a brunit on 'Probability and Statistics - Probability wit Factorials Practice'

Learn online:

app.mobius.academy/math/units/probability and statistics probability with factorials

1 How many distinct ways can these cards be ordered? Show as a multiplication.	$\frac{\mathbf{a}}{5 \cdot 4 \cdot 3 \cdot 2}$ $2 \cdot 3 \cdot 2$	$\frac{\mathbf{b}}{2}$
7 V 7 V J V Q • 8 •	$\frac{\mathbf{c}}{6 \cdot 5 \cdot 4 \cdot 3 \cdot 2}$ $2 \cdot 2$	$\frac{\mathbf{d}}{5 \cdot 4 \cdot 3 \cdot 2}$
	$\frac{\mathbf{e}}{5 \cdot 4 \cdot 3 \cdot 2}$ $\frac{5 \cdot 4 \cdot 3 \cdot 2}{5 \cdot 4 \cdot 3 \cdot 2 \cdot 1}$	$\frac{\mathbf{f}}{5 \cdot 4 \cdot 3 \cdot 2}$ $2 \cdot 2$



3	3 How many distinct ways can				ways can	<u>a</u>	b
	these cards be ordered? Show					a 5 · 4 · 3 · 2	$5 \cdot 4 \cdot 3 \cdot 2$
	as a multiplication.				ation.	I	
						3 · 2 · 2	$5\cdot 4\cdot 3\cdot 2\cdot 1$
	K		7		7		_
	L		'	T	/ T	4 · 3 · 2	a 3 · 2
						4 . 2 . 2	5 2
	_		_			2 0	2 2
	5	4	7	Ф		$3 \cdot 2$	3 · 2
		-		•		0	f
					l	e 5 · 4 · 3 · 2	t 5 · 4 · 3 · 2
						3 4 3 2	3 4 3 2
						3.2	$4 \cdot 3 \cdot 2$
						5 2	. 5 2
							1

