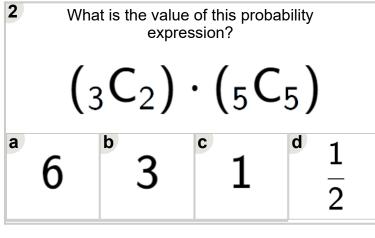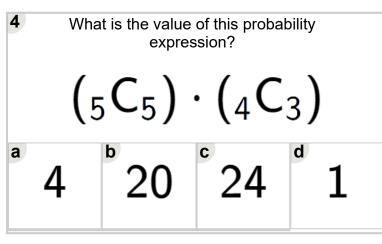Math worksheet on *'Probability Calculation - nCm Notation Multiplication (Level 1)'*. Part of a broader unit on *'Probability Statistics - Permutations and Combinations Calcu...'*

Learn online:

app.mobius.academy/math/units/probability_and_statistics_permutations_and_combi...

1 What is the value of this probability expression?

$$(_5C_2) \cdot (_5C_4)$$

a	b	c	d	e
50	75	1	150	$\frac{50}{3}$

2 What is the value of this probability expression?

$$(_3C_2) \cdot (_5C_5)$$

a	b	c	d
6	3	1	$\frac{1}{2}$

3 What is the value of this probability expression?

$$(_4C_2) \cdot (_6C_3)$$

a	b	c	d	e
20	$\frac{1}{15}$	90	120	60

4 What is the value of this probability expression?

$$(_5C_5) \cdot (_4C_3)$$

a	b	c	d
4	20	24	1

5 What is the value of this probability expression?

$$(_3C_2) \cdot (_6C_2)$$

a	b	c	d	e
$\frac{45}{4}$	150	45	225	3

6 What is the value of this probability expression?

$$(_2C_2) \cdot (_6C_5)$$

a	b	c	d
6	15	1	$\frac{1}{100}$

7 What is the value of this probability expression?

$$(_5C_3) \cdot (_2C_2)$$

a	b	c	d	e
$\frac{1}{9}$	1	10	20	$\frac{5}{2}$