



Math worksheet on 'Probability Calculation - Binomial Simple Multiplication (Level 1)'. Part of a broader unit and Statistics - Permutations and Combinations Calculations

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1 What is the value of this probability expression?

a	150	b	15	c	1
$\binom{2}{2} \cdot \binom{6}{4}$					

2 What is the value of this probability expression?

a	6	b	3	c	5
$\binom{4}{2} \cdot \binom{5}{4}$					

3 What is the value of this probability expression?

a	20	b	150	c	10
$\binom{5}{2} \cdot \binom{5}{2}$					

4 What is the value of this probability expression?

a	20	b	$\frac{10}{3}$	c	1
$\binom{4}{3} \cdot \binom{5}{4}$					

5 What is the value of this probability expression?

a	4	b	1	c	12
$\binom{3}{3} \cdot \binom{4}{3}$					

6 What is the value of this probability expression?

a	$\frac{1}{8}$	b	1	c	$\frac{1}{24}$
$\binom{4}{4} \cdot \binom{4}{4}$					

7 What is the value of this probability expression?

a	200	b	40	c	10
$\binom{5}{2} \cdot \binom{4}{3}$					