



Math worksheet on 'Probability nCm Notation - Brac Formula (Level 1)'. Part of a broader unit on 'Pro. Statistics - Permutations and Combinations Calcu

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1 Select the correct formula for this notation

a	b	c
$\frac{5!}{3! \cdot 2!}$	$\frac{6!}{3! \cdot 3!}$	$\frac{3!}{3! \cdot 0!}$
d	e	f
$\frac{4!}{4! \cdot 0!}$	$\frac{3!}{2! \cdot 1!}$	4!

$\binom{4}{4}$

2 Select the correct formula for this notation

a	b	c
$\frac{6!}{6! \cdot 0!}$	$\frac{5!}{5! \cdot 0!}$	$\frac{7!}{6! \cdot 1!}$
d	e	
5!	$\frac{4!}{4! \cdot 0!}$	

$\binom{5}{5}$

3 Select the correct formula for this notation

a	b	c
$\frac{6!}{4! \cdot 2!}$	$\frac{6!}{3!}$	$\frac{3!}{6! \cdot 3!}$
d		
$\frac{6!}{3! \cdot 3!}$		

$\binom{6}{3}$

4 Select the correct formula for this notation

a	b	c
6!	$\frac{8!}{4! \cdot 4!}$	$\frac{8!}{6! \cdot 2!}$
d	e	
$\frac{6!}{5! \cdot 1!}$	$\frac{5!}{6! \cdot 1!}$	

$\binom{6}{5}$

5 Select the correct formula for this notation

a	b	c
$\frac{5!}{2!}$	$\frac{6!}{3! \cdot 3!}$	$\frac{5!}{3! \cdot 2!}$
d	e	
$\frac{3!}{5! \cdot 2!}$	$\frac{4!}{3! \cdot 1!}$	

$\binom{5}{3}$

6 Select the correct formula for this notation

a	b	c
$\frac{2!}{6! \cdot 4!}$	$\frac{6!}{2! \cdot 4!}$	$\frac{8!}{3! \cdot 5!}$
d	e	f
$\frac{7!}{2! \cdot 5!}$	$\frac{6!}{4!}$	$\frac{5!}{3! \cdot 2!}$

$\binom{6}{2}$

7 Select the correct formula for this notation

a	b	c
$\frac{7!}{5! \cdot 2!}$	$\frac{6!}{4! \cdot 2!}$	$\frac{6!}{6! \cdot 0!}$
d		
6!		

$\binom{6}{6}$