



Math worksheet on 'Probability nPm Notation - Lett 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

$5P_3$

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

2 Select the correct formula for this notation

$5P_2$

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

3 Select the correct formula for this notation

$6P_4$

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

4 Select the correct formula for this notation

$5P_5$

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

5 Select the correct formula for this notation

$6P_2$

a	$\frac{6!}{4! \cdot 1! \cdot 3!}$	b	$\frac{6!}{2! \cdot 4!}$	c	$\frac{2!}{4!}$
d	$\frac{6!}{4!}$	e	$\frac{5!}{2!}$	f	$\frac{7!}{5!}$

6 Select the correct formula for this notation

$6P_3$

a	$\frac{6!}{3! \cdot 1! \cdot 3!}$	b	$\frac{6!}{3! \cdot 3!}$	c	$\frac{3!}{3!}$
d	$\frac{6!}{3!}$	e	$\frac{8!}{4!}$		

7 Select the correct formula for this notation

$4P_3$

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