



Math worksheet on 'Probability nPm Notation - Des Value (Level 1)'. Part of a broader unit on 'Probability - Binomial Notation Practice'

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1

Select the correct value for when the described situation is calculated

With a group of 6 items, if you choose 5 in a specific order, how many permutations are possible?

a	$\frac{720}{1}$	b	$\frac{40320}{24}$
c	$\frac{720}{120}$	d	$\frac{120}{1}$

2

Select the correct value for when the described situation is calculated

Choose 3 options in a specific order from a group of 4 options

a	$\frac{24}{1}$	b	$\frac{24}{6}$
c	$\frac{6}{1}$		

3

Select the correct value for when the described situation is calculated

Choose 2 options in a specific order from a group of 6 options

a	$\frac{2}{1}$	b	$\frac{720}{24}$
c	$\frac{720}{48}$	d	$\frac{120}{6}$
e	$\frac{24}{2}$		

4

Select the correct value for when the described situation is calculated

From a group of 3 options how many ways are there to choose 3 options in a specific order?

a	$\frac{24}{1}$	b	$\frac{6}{6}$
c	$\frac{120}{2}$	d	$\frac{6}{1}$

5

Select the correct value for when the described situation is calculated

Choose 4 options in a specific order from a group of 5 options

a	$\frac{120}{24}$	b	$\frac{120}{6}$
c	$\frac{24}{1}$	d	$\frac{120}{1}$

6

Select the correct value for when the described situation is calculated

From a group of 4 options how many ways are there to choose 4 options in a specific order?

a	$\frac{120}{2}$	b	$\frac{6}{1}$
c	$\frac{24}{1}$	d	$\frac{120}{6}$
e	$\frac{24}{24}$	f	$\frac{720}{24}$

7

Select the correct value for when the described situation is calculated

From a group of 6 options how many ways are there to choose 6 options in a specific order?

a	$\frac{720}{1}$	b	$\frac{720}{720}$
c	$\frac{40320}{1}$		