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Math worksheet on *'Probability nPm Notation - Desc (Level 1)'*. Part of a broader unit on *'Probability an Permutations and Combinations Calculating*

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1

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	$\dfrac{720}{1}$	b	$\dfrac{40320}{1}$
c	$\dfrac{720}{720}$		

2

Select the correct value for when the described situation is calculated

From a group of 5 options how many ways are there to choose 3 options in a specific order?

a	$\dfrac{120}{2}$	b	$\dfrac{120}{1}$
c	$\dfrac{120}{12}$	d	$\dfrac{6}{1}$

3

Select the correct value for when the described situation is calculated

Choose 2 options in a specific order from a group of 4 options

a	$\dfrac{2}{1}$	b	$\dfrac{24}{4}$
c	$\dfrac{24}{2}$	d	$\dfrac{6}{1}$

4

Select the correct value for when the described situation is calculated

With a group of 6 items, if you choose 4 in a specific order, how many permutations are possible?

a	$\dfrac{24}{1}$	b	$\dfrac{720}{48}$
c	$\dfrac{720}{2}$	d	$\dfrac{5040}{2}$

5

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

6

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

7

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