mobil

Math worksheet on *'Probability nCm Notation - Desc* *to Value (Level 1)'*. Part of a broader unit on *'Proba* *and Statistics - Probability with Factorials Practic*

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app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

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1

Select the correct value for when the described situation is calculated

From a group of 3 items select a set of 3 items regardless of order.

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

2

Select the correct value for when the described situation is calculated

Choose a set of 5 items from a group of 5 total items. Ignore the order.

a	$\dfrac{120}{120}$	**b**	$\dfrac{720}{36}$
c	$\dfrac{120}{1}$		

3

Select the correct value for when the described situation is calculated

With a group of 4 options how many ways are there to choose a set of 3 options regardless of order?

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

4

Select the correct value for when the described situation is calculated

Choose a set of 3 items from a group of 5 total items. Ignore the order.

a	$\dfrac{6}{2}$	**b**	$\dfrac{6}{120}$
c	$\dfrac{120}{2}$	**d**	$\dfrac{120}{12}$
e	$\dfrac{24}{6}$		

5

Select the correct value for when the described situation is calculated

With a group of 6 options how many ways are there to choose a set of 3 options regardless of order?

a	$\dfrac{720}{120}$	**b**	$\dfrac{720}{48}$
c	$\dfrac{120}{24}$	**d**	$\dfrac{6}{720}$
e	$\dfrac{720}{6}$	**f**	$\dfrac{720}{36}$

6

Select the correct value for when the described situation is calculated

From a group of 6 items select a set of 2 items regardless of order.

a	$\dfrac{720}{24}$	**b**	$\dfrac{5040}{240}$
c	$\dfrac{720}{48}$	**d**	$\dfrac{2}{720}$

7

Select the correct value for when the described situation is calculated

From a group of 4 items select a set of 4 items regardless of order.

a	$\dfrac{24}{4}$	**b**	$\dfrac{720}{36}$
c	$\dfrac{24}{24}$	**d**	$\dfrac{24}{1}$
e	$\dfrac{6}{2}$	**f**	$\dfrac{6}{6}$