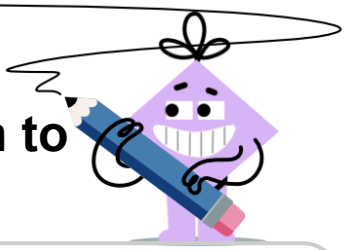
Name

# Probability nCm Notation - Description to Formula



**1**

Select the correct formula for this description

Choose a set of 2 items from a group of 4 total items. Ignore the order.

| | |
|---|---|
| A $\frac{4!}{2!}$ | B $\frac{3!}{3! \cdot 0!}$ |
| C $\frac{4!}{2! \cdot 2!}$ | |

**2**

Select the correct formula for this description

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

| | |
|---|---|
| A $\frac{6!}{3!}$ | B $\frac{3!}{6! \cdot 3!}$ |
| C $\frac{6!}{3! \cdot 3!}$ | |

**3**

Select the correct formula for this description

Choose a set of 2 items from a group of 3 total items. Ignore the order.

| | |
|---|---|
| A $\frac{3!}{1!}$ | B $\frac{3!}{2! \cdot 1!}$ |

**4**

Select the correct formula for this description

Choose a set of 2 items from a group of 5 total items. Ignore the order.

| | |
|---|---|
| A $\frac{5!}{3!}$ | B $\frac{5!}{2! \cdot 3!}$ |
| C $\frac{2!}{5! \cdot 3!}$ | |

**5**

Select the correct formula for this description

Choose a set of 5 items from a group of 6 total items. Ignore the order.

| | |
|---|---|
| A $\frac{6!}{5! \cdot 1!}$ | B $\frac{6!}{1!}$ |

**6**

Select the correct formula for this description

From a group of 5 items select a set of 4 items regardless of order.

| | |
|---|---|
| A $\frac{5!}{1!}$ | B $\frac{5!}{4! \cdot 1!}$ |

**7**

Select the correct formula for this description

From a group of 6 items select a set of 4 items regardless of order.

| | |
|---|---|
| A $\frac{6!}{2!}$ | B $\frac{6!}{4! \cdot 2!}$ |

**8**

Select the correct formula for this description

From a group of 5 items select a set of 3 items regardless of order.

| | |
|---|---|
| A $\frac{5!}{2!}$ | B $\frac{5!}{3! \cdot 2!}$ |
| C $\frac{3!}{5! \cdot 2!}$ | |