mobi

Math worksheet on *'Probability nPm Notation - Letter to Formula (Level 1)'*. Part of a broader unit on *'Proba... Statistics - Binomial Notation Intro'*
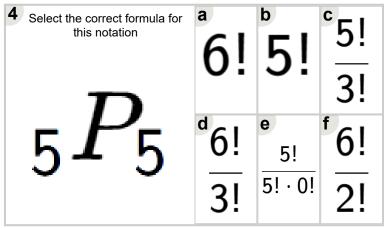
Learn online:
app.mobius.academy/math/units/probability_and_statistics_probability_with_binomial

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1 Select the correct formula for this notation

$$_4P_3$$

a	b	c
$\dfrac{4!}{3! \cdot 1!}$	$\dfrac{4!}{1! \cdot 3!}$	$\dfrac{6!}{3!}$

d	e	f
$4!$	$3!$	$\dfrac{4!}{1! \cdot 2!}$

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2 Select the correct formula for this notation

$$_5P_2$$

a	b	c
$\dfrac{5!}{3! \cdot 2!}$	$\dfrac{6!}{4!}$	$\dfrac{5!}{2! \cdot 3!}$

d	e	f
$\dfrac{5!}{3!}$	$\dfrac{5!}{3! \cdot 1! \cdot 2!}$	$\dfrac{2!}{3!}$

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3 Select the correct formula for this notation

$$_6P_6$$

a	b	c
$\dfrac{6!}{1! \cdot 3!}$	$\dfrac{6!}{3!}$	$\dfrac{6!}{2!}$

d	e
$6!$	$\dfrac{6!}{6! \cdot 0!}$

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4 Select the correct formula for this notation

$$_5P_5$$

a	b	c
$6!$	$5!$	$\dfrac{5!}{3!}$

d	e	f
$\dfrac{6!}{3!}$	$\dfrac{5!}{5! \cdot 0!}$	$\dfrac{6!}{2!}$

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5 Select the correct formula for this notation

$$_3P_3$$

a	b	c
$\dfrac{3!}{3!}$	$\dfrac{3!}{1! \cdot 2!}$	$5!$

d	e	f
$3!$	$\dfrac{3!}{3! \cdot 0!}$	$\dfrac{3!}{2!}$

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6 Select the correct formula for this notation

$$_6P_2$$

a	b	c
$\dfrac{6!}{4! \cdot 1! \cdot 3!}$	$\dfrac{7!}{5!}$	$\dfrac{5!}{2!}$

d	e	f
$\dfrac{6!}{2! \cdot 4!}$	$\dfrac{6!}{4!}$	$\dfrac{2!}{4!}$

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7 Select the correct formula for this notation

$$_3P_2$$

a	b	c
$\dfrac{3!}{2!}$	$\dfrac{3!}{2! \cdot 1!}$	$2!$

d
$3!$

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