



Math worksheet on 'Probability nCr Notation - Form to Letter Notation (Level 1)'. Part of a broader unit on 'Probability and Statistics - Probability with Factorials Intro'

Learn online:

app.mobius.academy/math/units/probability_and_statistics/probability_with_factorials

1 Select the correct notation for this formula

$$\frac{4!}{2! \cdot 2!}$$

- | | | |
|--------|--------|--------|
| a | b | c |
| $4C_2$ | $4B_2$ | $3C_3$ |
| d | e | |
| $4R_2$ | $2C_4$ | |

2 Select the correct notation for this formula

$$\frac{3!}{3! \cdot 0!}$$

- | | | |
|--------|--------|--------|
| a | b | c |
| $3R_3$ | $3P_3$ | $3C_2$ |
| d | | |
| $3C_3$ | | |

3 Select the correct notation for this formula

$$\frac{5!}{5! \cdot 0!}$$

- | | | |
|--------|--------|--------|
| a | b | c |
| $5P_5$ | $5C_5$ | $5B_5$ |
| | | |
| | | |

4 Select the correct notation for this formula

$$\frac{3!}{2! \cdot 1!}$$

- | | | |
|--------|--------|--------|
| a | b | c |
| $3B_2$ | $3C_2$ | $3P_2$ |
| d | | |
| $2C_3$ | | |

5 Select the correct notation for this formula

$$\frac{5!}{3! \cdot 2!}$$

- | | | |
|--------|--------|--------|
| a | b | c |
| $5R_3$ | $5C_3$ | $5P_3$ |
| d | | |
| $5B_3$ | | |

6 Select the correct notation for this formula

$$\frac{4!}{4! \cdot 0!}$$

- | | | |
|--------|--------|--------|
| a | b | c |
| $3C_3$ | $5C_5$ | $5C_4$ |
| d | e | |
| $4B_4$ | $4C_4$ | |

7 Select the correct notation for this formula

$$\frac{6!}{3! \cdot 3!}$$

- | | | |
|--------|--------|--------|
| a | b | c |
| $7C_4$ | $4C_2$ | $6P_3$ |
| d | | |
| $6C_3$ | | |