



Math worksheet on 'Probability Calculation - nCr nPr Multiplication (Level 1)'. Part of a broader unit on 'Probability - Permutations and Combinations Calculations'.

Learn online:

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

1

What is the value of this probability expression?

$$({}_6C_4) \cdot ({}_4C_3)$$

a

4

b

6

c

60

d

15

2

What is the value of this probability expression?

$$({}_4C_3) \cdot ({}_5C_5)$$

a

4

b

1

c

$\frac{5}{2}$

d

20

3

What is the value of this probability expression?

$$({}_6C_5) \cdot ({}_5C_4)$$

a

3

b

30

c

6

d

1

4

What is the value of this probability expression?

$$({}_6C_3) \cdot ({}_6C_2)$$

a

150

b

2

c

225

d

300

e

90

5

What is the value of this probability expression?

$$({}_2C_2) \cdot ({}_6C_5)$$

a

60

b

6

c

18

d

$\frac{2}{5}$

e

12

6

What is the value of this probability expression?

$$({}_6C_5) \cdot ({}_4C_3)$$

a

120

b

1

c

24

d

6

e

4

7

What is the value of this probability expression?

$$({}_3C_3) \cdot ({}_6C_2)$$

a

15

b

1

c

10