



Math worksheet on 'Probability Calculation -  $nPr$  &  $nCr$  Single (Level 1)'. Part of a broader unit on 'Probability Permutations and Combinations Calculating'

Learn online:

[app.mobius.academy/math/units/probability\\_and\\_statistics\\_permutations\\_and\\_combinations\\_calculating](http://app.mobius.academy/math/units/probability_and_statistics_permutations_and_combinations_calculating)

1 What is the value of this probability expression?

a $\frac{1}{12}$	b 120	c 30
d 72		

$6P_2$

2 What is the value of this probability expression?

a 2	b 1	c 8
d 20		

$2P_2$

3 What is the value of this probability expression?

a 120	b 1	c $\frac{1}{60}$
d $\frac{1}{120}$		

$5P_4$

4 What is the value of this probability expression?

a 20	b 120	c 30
d 240	e 60	

$5P_2$

5 What is the value of this probability expression?

a $\frac{3}{10}$	b 24	c 3
d 6	e 1	

$3P_2$

6 What is the value of this probability expression?

a 120	b 1	c 60
d $\frac{1}{4}$		

$6P_3$

7 What is the value of this probability expression?

a 1	b 288	c 20
d 12		

$4P_2$