



Math worksheet on 'Probability Calculation - nPr & nCr Division (Level 1)'. Part of a broader unit on 'Probability Calculations'.

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1 What is the value of this probability expression?

a	$\frac{1}{6}$	b	$\frac{1}{120}$	c	$\frac{1}{30}$
d	2	e	$\frac{2}{3}$		

$$\frac{{}_5P_3}{{}_6P_2}$$

2 What is the value of this probability expression?

a	$\frac{1}{240}$	b	360	c	15
d	5				

$$\frac{{}_6P_4}{{}_4P_3}$$

3 What is the value of this probability expression?

a	3	b	120	c	1
d	$\frac{1}{120}$	e	2		

$$\frac{{}_6P_4}{{}_5P_5}$$

4 What is the value of this probability expression?

a	24	b	12	c	$\frac{1}{10}$
d	$\frac{1}{2}$	e	$\frac{1}{120}$		

$$\frac{{}_4P_4}{{}_2P_2}$$

5 What is the value of this probability expression?

a	6	b	$\frac{1}{60}$	c	$\frac{1}{10}$
d	$\frac{3}{5}$				

$$\frac{{}_3P_3}{{}_5P_3}$$

6 What is the value of this probability expression?

a	30	b	$\frac{1}{6}$	c	$\frac{1}{360}$
d	1	e	5		

$$\frac{{}_6P_2}{{}_3P_2}$$

7 What is the value of this probability expression?

a	15	b	$\frac{2}{5}$	c	360
d	20	e	1		

$$\frac{{}_6P_4}{{}_4P_4}$$