



Math worksheet on 'Factorial Division - To Value (Lesson 1)'  
of a broader unit on 'Probability and Statistics - Binomial Practice'

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**1** Select the correct equivalent to this factorial

<b>a</b>	<b>b</b>	<b>c</b>
5	$\frac{1}{120}$	$\frac{1}{720}$
<b>d</b>	<b>e</b>	
1	$\frac{1}{20160}$	

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

**2** Select the correct equivalent to this factorial

<b>a</b>	<b>b</b>	<b>c</b>
30	$\frac{1}{336}$	$\frac{1}{7}$
<b>d</b>	<b>e</b>	
1	$\frac{1}{4}$	

$\frac{6!}{6!}$

**3** Select the correct equivalent to this factorial

<b>a</b>	<b>b</b>	<b>c</b>
$\frac{1}{840}$	840	$\frac{1}{210}$
<b>d</b>	<b>e</b>	
$\frac{1}{20}$	60	

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

**4** Select the correct equivalent to this factorial

<b>a</b>	<b>b</b>	<b>c</b>
$\frac{1}{210}$	$\frac{1}{7}$	20
<b>d</b>	<b>e</b>	
1	$\frac{1}{5}$	

$\frac{5!}{5!}$

**5** Select the correct equivalent to this factorial

<b>a</b>	<b>b</b>	<b>c</b>
$\frac{1}{5}$	5040	360
<b>d</b>	<b>e</b>	
20	120	

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

**6** Select the correct equivalent to this factorial

<b>a</b>	<b>b</b>	<b>c</b>
5	$\frac{1}{42}$	$\frac{1}{5}$
<b>d</b>		
$\frac{1}{4}$		

$\frac{4!}{5!}$

**7** Select the correct equivalent to this factorial

<b>a</b>	<b>b</b>	<b>c</b>
$\frac{1}{360}$	$\frac{1}{4}$	$\frac{1}{30}$
<b>d</b>		
$\frac{1}{120}$		

$\frac{4!}{6!}$