



Factorial Calculation - Single over Bracketed Multiplication

1 What is the value of this factorial expression? $\frac{3!}{5! \cdot (5 - 3)!}$	A $\frac{1}{120}$	B $\frac{1}{40}$	C 6
	D $\frac{1}{240}$		
2 What is the value of this factorial expression? $\frac{4!}{2! \cdot (6 - 4)!}$	A 36	B 6	C 30
	D $\frac{1}{4}$		
3 What is the value of this factorial expression? $\frac{3!}{3! \cdot (6 - 6)!}$	A 1	B $\frac{1}{2}$	C 6
	D $\frac{1}{6}$		
4 What is the value of this factorial expression? $\frac{4!}{3! \cdot (6 - 3)!}$	A $\frac{2}{3}$	B 24	C 4
	D 1	E $\frac{1}{6}$	
5 What is the value of this factorial expression? $\frac{4!}{3! \cdot (5 - 3)!}$	A 4	B $\frac{1}{240}$	C 12
	D 2	E 24	
6 What is the value of this factorial expression? $\frac{4!}{5! \cdot (6 - 6)!}$	A $\frac{1}{5}$	B 1	C 24
	D $\frac{1}{120}$		
7 What is the value of this factorial expression? $\frac{4!}{4! \cdot (6 - 4)!}$	A $\frac{1}{2}$	B 24	C $\frac{1}{24}$
	D 6	E $\frac{1}{48}$	
8 What is the value of this factorial expression? $\frac{4!}{2! \cdot (3 - 2)!}$	A $\frac{1}{240}$	B 12	C 60
	D 4	E 2	