

$\frac{5!}{2!} = 60$ $\frac{5!}{2!2!} = 15$ $\frac{5!}{2!2!2!} = 15$ $\frac{5!}{2!2!2!2!} = 15$ $\frac{5!}{2!2!2!2!2!} = 15$

$\frac{5!}{2!2!} = 15$ \Rightarrow $\frac{5!}{2!2!} = 15$

$111 \rightarrow 1$ $112 \rightarrow 2$ $122 \rightarrow 6$ $123 \rightarrow 6$

$222 \rightarrow 1$ $113 \rightarrow 3$ \Rightarrow 19

$\binom{9}{2} \binom{4}{2} = \frac{9 \times 8}{2} \times \frac{4 \times 3}{2} = 90$

$\frac{1!}{2!2!} = \frac{1 \times 1 \times 1}{2 \times 2} = \frac{1}{4}$

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$1 + 1 + 1 = 3$