



Exercícios: Fatorial

Calcule:

1. $\frac{7!}{4!} =$

2. $\frac{3! \cdot 5!}{4! \cdot 6!} =$

3. $\frac{12! - 13!}{12!} =$

Simplifique:

4. $\frac{n!}{(n-2)!} =$

5. $\frac{(n+1)!}{(n+2)!} =$

6. $\frac{(n+3)!}{(n-2)!} \cdot \frac{(n-1)!}{(n+2)!} =$

GABARITO:

1. 210
2. 1/24
3. -12

4. $n^2 - n$
5. $\frac{1}{n+2}$
6. $n^2 + 2n - 3$