Sabrina Medeiros de Lima - CT II 317

Lista de exercícios - Combinações

01 $P_5 = 5\,4\,3\,2\,1 = 120$ $C_{4,2} \rightarrow \frac{4.3}{2.1} = 6$

$A_{4,3} = 4.3.2 = 24$

$\frac{P_5 - A_{4,3}}{C_{4,2}} \rightarrow \frac{120-24}{6} = \frac{96}{6} = 16$ R. 16

02 - $C_{8,6} \rightarrow \frac{8\,7\,6\,5\,4\,3}{6\,5\,4\,3\,2\,1} = \frac{20.160}{720} = 28$ R. 28

03. $5\,4.3 = 60$ R. 60

04 - $C_{5,3} \rightarrow \frac{5.4.3}{3.2.1} = \frac{60}{6} = 10$ R. 10

05 - $C_{6,2} = \frac{6!}{2!(6-2)!} \rightarrow \frac{6.5.4!}{2.1.4!} \rightarrow \frac{6.5}{2.1} \rightarrow \frac{30}{2} = 15$

$C_{4,2} = \frac{4!}{2!(4-2)!} \rightarrow \frac{4.3.2!}{2.1.2!} \rightarrow \frac{4.3}{2.1} \rightarrow \frac{12}{2} = 6$

$6.15 = 90$ R. C