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## Tarefa Básica - Combinações

$$01. \frac{P_5 - A_{4,3}}{C_{4,2}} = \frac{120 - 24}{6 \cdot 6} = \frac{96}{6} = 16 //$$

$$P_5 = 5! = 120 \quad A_{4,3} = \frac{4!}{1!} = 24 \quad C_{4,2} = \frac{4!}{2! \cdot 2!} = \frac{24}{4} = 6$$

$$02. \frac{C_{8,6}}{6! \cdot 2!} = \frac{8!}{6! \cdot 2!} = \frac{8 \cdot 7 \cdot 6!}{6! \cdot 2} = \frac{56}{2} = 28 //$$

$$03. \frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 1} \cdot \frac{5}{2 \cdot 1} = \frac{4 \cdot 3 \cdot 5}{2 \cdot 1} = 60 //$$

B                  I

$$04. \frac{C_{5,3}}{3! \cdot 2!} = \frac{5!}{3! \cdot 2!} = \frac{5 \cdot 4 \cdot 3!}{3! \cdot 2!} = \frac{20}{2} = 10 //$$

$$05. \frac{6 \cdot 5}{2 \cdot 1} \cdot \frac{4 \cdot 3}{2 \cdot 1} = 3 \cdot 5 \cdot 2 \cdot 3 = 90 \text{ Letra C} //$$

QA                  QG

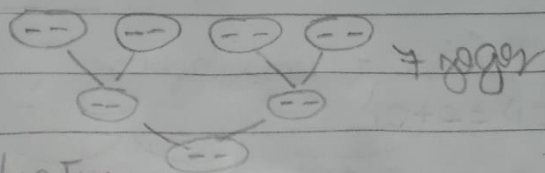
$$06. \frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 1} \cdot \frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 1} \cdot \frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 1} = 4 \cdot 4 \cdot 4 = 64 \text{ Letra E} //$$

M                  G                  I

07. 1ª Fase  $\frac{5}{2} \frac{4}{1} = 10 \cdot 4 (\text{clones}) = 40$

2ª Fase - 8 Times

$40 + 7 = 47$  Letra E //



08.  $\frac{3}{1} \frac{2}{5} \frac{1}{4} \frac{1}{3} \frac{1}{2} \frac{1}{1} = 3 \cdot 5 \cdot 2 \cdot 3 = 90$  Letra D //

09. 1 recheio  
 $10 = 30$

2 recheios  
 $\frac{5}{10} \frac{9}{1} = 45$

3 recheios  
 $\frac{10}{3} \frac{8}{4} = 120$

tipo pão

$120 + 45 + 30 = 195 \cdot 3 = 585$  Letra A //