

Nome: Victória Ferreira de Souza

Sala: CTII 317

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$$1) \frac{P_5 - A_{4,3}}{C_{4,2}} \quad \Delta \quad \frac{96}{6} = 16$$

$$\frac{5 \cdot 4 \cdot 3 \cdot 2 \cdot 1}{4 \cdot 3 \cdot 2}$$

$$\frac{2 \cdot 1 \cdot 3}{2 \cdot 1}$$

$$\frac{2 \cdot 1}{2 \cdot 1}$$

$$\frac{120 - 24}{6}$$

$$6$$

2.) 8 question 6 read

$$4 \times 7 \times 6 \times 5 \times 4 \times 3 = 28$$

$$6 \times 5 \times 4 \times 3 \times 2 \times 1$$

3) 10 = 4 Bn 6 ita

$$4 \times 3 \times 2 \times 3 \times 5 = 60$$

$$3 \times 2 \times 1 \times 2 \times 1$$

$$4) \frac{5 \cdot 4 \cdot 3}{3 \cdot 2 \cdot 1}$$

$$\frac{60}{6} = 10$$

$$5) \frac{3 \cdot 5}{2 \cdot 1} \cdot \frac{2 \cdot 3}{2 \cdot 1} = 90 \text{ letra C}$$

$$6) 4 \text{ MAT, } 4 \text{ GEO, } 4 \text{ ING}$$

$$9 = 3, 3, 3 \quad \begin{matrix} 3 \text{ mat} & 3 \text{ ing} \\ 3 \text{ geo} \end{matrix}$$

$$\frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 1} \cdot \frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 1} \cdot \frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 1} = 64$$

letra E

$$7) \frac{5.4}{2.1} = 10 \quad (1^a)$$

$$10.4 = 40 \text{ chaves}$$

2^a)

A > A

F > G

K > K

P > P

Q > P

G > G

K > K

P > P

Q > P

11

+4

+2

$$40 + 4 + 2 + 1 = 47 \text{ letra E}$$

$$8) 9 \text{ tin} \div 3 \text{ chaves}$$

1 cabeça de chave

$$\frac{3.5}{2.1} = 15$$

2.1

$$\frac{24.3}{2.1} = 6$$

2.1

$$1^{\circ} \frac{1}{2} \cdot 1 = 1$$

$$\frac{1}{2} \cdot 1$$

$$15 \cdot 6 \cdot 1 = 90 \text{ letra D}$$

9.) 3 pão 10 vachias

$$1^{\circ} \frac{10}{1} = 10$$

$$175 \cdot 3 = 525$$

letra A

$$2^{\circ} \frac{516 \cdot 9}{2 \cdot 1} = 45$$

$$3^{\circ} \frac{10 \cdot 3 \cdot 4 \cdot 8}{3 \cdot 2 \cdot 1} = 120$$

$$\begin{array}{r} 10 \\ 45 \\ + 120 \\ \hline 175 \end{array}$$