MATEMÁTICA ATIVA - AULA 06



3 8 CARROSS
$$\stackrel{>}{>}$$
 5A \Rightarrow $\stackrel{P_1 \cdot P_2}{\downarrow}$ $\stackrel{P_3}{\downarrow}$ $\stackrel{>}{\downarrow}$ $\stackrel{>}{$

(4) 18yte
$$\rightarrow 8 \text{ bits} \rightarrow 2^8 \text{ inform.}$$
 $2^2 > 2860$ $\Rightarrow 12 \text{ bits} \rightarrow 6$

$$2^2 > 28 = 512, 2^{10} = 1024,$$

$$2^{11} = 2048, |2^{12} = 4096|$$

CANHOTOS

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(D) CONTENTE = TOTAL -
$$\hat{u}$$
-CONTENTE \Rightarrow YERH = 16 } CONTENTE = 104)

(12) TOTAL DE ROSSIB. =
$$2^{4} = 16$$
)

2 AHEUINOS + \Rightarrow C4, 2 · C2, 2 = $\frac{3! \cdot 3 \cdot 3!}{2! \cdot 2!}$. $j = 6$ $36 = \frac{3}{8}$. $36 = \frac{3}{8}$

(3) PROB. DE PERO HEUCOS I VIVIO =
$$1 - PROB.$$
 AHBOS HORTOS
$$P = 1 - P_3 \cdot P_2 \Rightarrow P = 1 - 80 \cdot 70 \Rightarrow P = 1 - 0.56 \xrightarrow{b}$$
JOOD JOOD
$$P = 0.44 = 44\%$$

PERO HENOS 2 HULHERES =>
$$2H \Rightarrow C_{5,3} \cdot C_{4,2} = 10.6 = 60$$
 $3H \Rightarrow C_{5,2} \cdot C_{4,3} = 10.4 = 40$
 $4H \Rightarrow C_{5,3} \cdot C_{4,4} = 5.1 = \frac{5}{10.05}$

(15) COHB. NOVA
$$\Rightarrow 26^3 \cdot 10^1 \cdot 26 \cdot 10^2 = \frac{26^4 \cdot 10^3}{26^3 \cdot 10^4} = \frac{26}{26} = \frac{2}{2} \cdot 61 = \frac{2}{2}$$
COTUB. ANTIGA $\Rightarrow 26^3 \cdot 10^4$