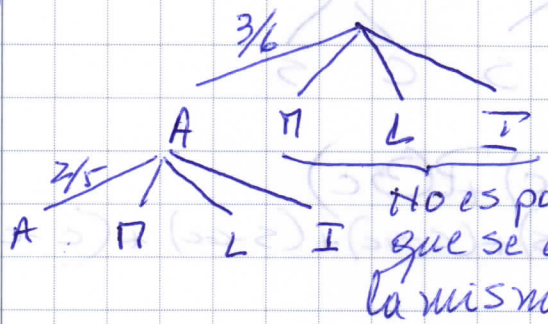
MATEMÁTICA NM4 / Lección 5 ~~ADAR~~ | Fecha:

PAUTA CORRECCIÓN

Ejercicio 3

a)

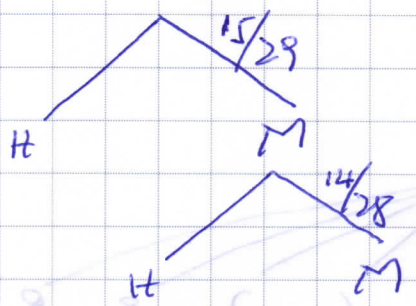


No es posible que se extraiga la misma letra

$P(A\text{-}A) = \frac{2}{6} \cdot \frac{1}{5}$

$P(A\text{-}A) = \frac{1}{5}$

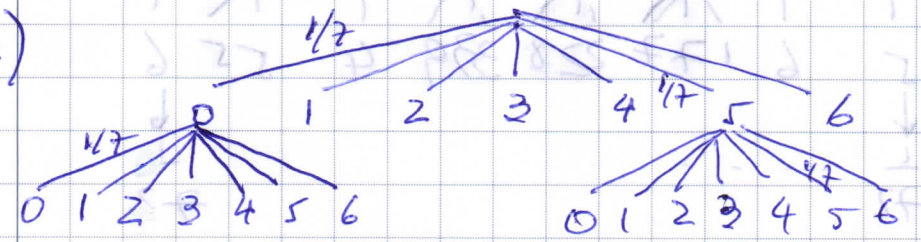
b)



$P(M\text{-}M) = \frac{15}{29} \cdot \frac{14}{28}$

$P(M\text{-}M) = \frac{15}{58}$

c)



Si el primer número es par $P(\text{suma par}) = 4 \cdot \frac{1}{49}$

como hay 4 pares $\Rightarrow P(\text{suma par}) = \frac{4}{49} \cdot 4 = \frac{16}{49}$

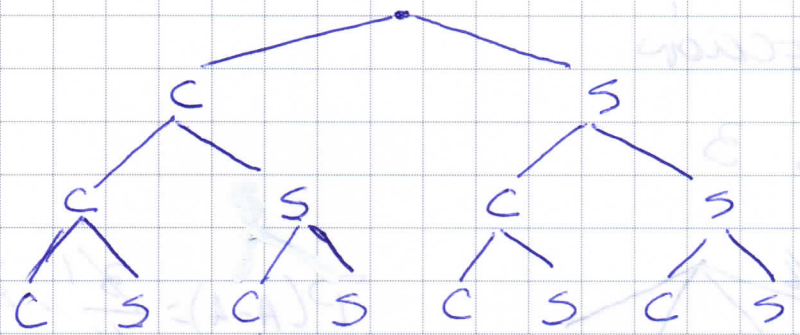
Si el primer número es impar $P(\text{suma par}) = 3 \cdot \frac{1}{49}$

como hay 3 impares $\Rightarrow P(\text{suma par}) = \frac{3}{49} \cdot 3 = \frac{9}{49}$

En total $= \frac{16}{49} + \frac{9}{49} = \frac{25}{49}$

Fecha:

a)



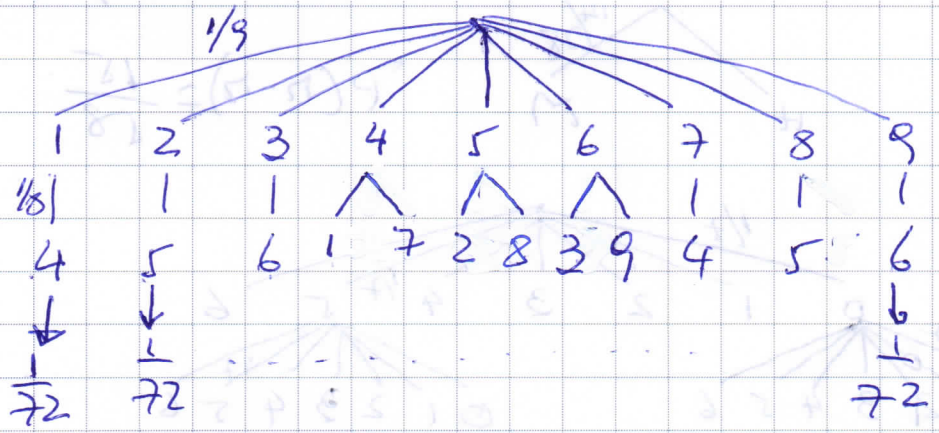
$P(\text{mas de 1 cara}) = P(2c) + P(3c)$

$= (c\text{-}c\text{-}s) + (c\text{-}sc) + (s\text{-}cc) + (c\text{-}c\text{-}c)$

$= \frac{4}{8}$

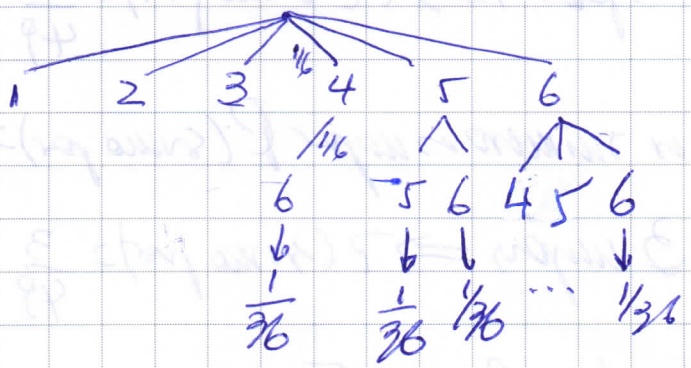
$= \frac{1}{2}$

e)



$P(\text{diferencia} = 3) = \frac{12}{72} = \frac{1}{6}$

f)



$P(\text{suma} > 9) = \frac{6}{36} = \frac{1}{6}$

Fecha:

4)

Plan	Hombres	Mujeres	
A	105	90	195
B	350	150	500
Total	455	240	695

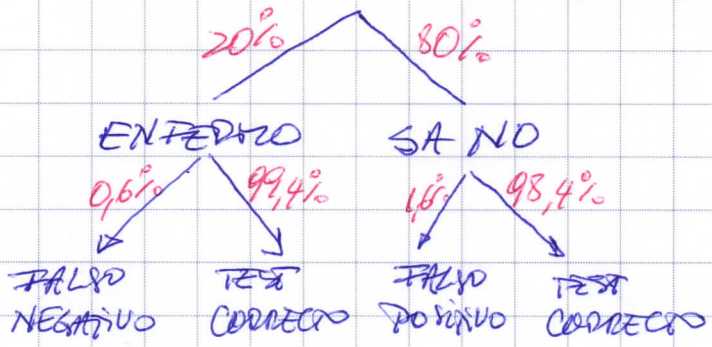
a) $\frac{455}{695} = \frac{91}{139}$

b) $\frac{90}{695} = \frac{18}{139}$

c) 1

d) 0

6)



$P(\text{ENFERMO} \to \text{SANO}) = 0{,}6\% \cdot 20\% + 98{,}4\% \cdot 80\%$

$= 78{,}84\%$

$P(\text{ENFERMO} \to \text{ENFERMO}) = 99{,}4\% \cdot 20\% + 1{,}6\% \cdot 80\%$

$= 21{,}16\%$