

19) a) $\frac{25}{34+25+40} = \frac{25}{99} \rightarrow$

b) $\frac{10+34}{43+40+34+28+25+10} \rightarrow \frac{44}{180} = \frac{22}{90} = \frac{11}{45}$

21) a) $\frac{12}{27} \cdot \frac{11}{26} = \frac{132}{702} \rightarrow \frac{66}{351} \text{ ou } \frac{22}{117}$

b) $\frac{\text{Caso 1}}{\left(\frac{12}{27} \cdot \frac{15}{26} \right)} + \frac{\text{Caso 2}}{\left(\frac{15}{27} \cdot \frac{12}{26} \right)} \rightarrow \frac{180}{702} + \frac{180}{702} = \frac{360}{702} = \frac{20}{39}$

c) $\frac{12}{27} \cdot \frac{12}{27} = \frac{144}{729}$

25) PA = $\frac{3}{5}$

PB = $\frac{2}{5}$

NÃO CONSEGUI RESOLVER

Resposta: $\frac{2}{15}$