

Probabilidade 1

Tarefa Básica

$$01 - \frac{10 \cdot 9}{20 \cdot 19} = \frac{90}{380} = \frac{9}{38} \quad (A)$$

$$02 - \frac{3^{+3}}{6 \cdot 2} = 1 \quad (D)$$

$$03 - \begin{aligned} 17\% \text{ de } 1000 &= 170 & \frac{75}{1000} &= 0,075 \\ 44\% \text{ de } 170 &= 74,8 \approx 75 \end{aligned} \quad (B)$$

$$04 - C_{12,2} \rightarrow \frac{12!}{2! \cdot 10!} = \frac{12 \cdot 11 \cdot 10!}{2! \cdot 10!} = 66 \quad P = \frac{5}{66} \quad (B)$$

$$\{(3,5), (5,7), (11,13), (17,19), (19,31)\} = 5$$

$$05 - \begin{aligned} 99 &= 3x & P &= \frac{33^{+33}}{99 \cdot 3} = 1 \\ x &= 33 \end{aligned} \quad (B)$$

$$06 - \{(6,1), (5,2), (4,3), (5,2), (6,1), (3,4)\} = 6$$

$$\frac{6^{+6}}{36 \cdot 6} = 1 \quad (E)$$