

Pedro Henrique - CT11 348

Probabilidade ↓

1)

$$\underline{20} \quad \underline{19}$$

$$1 \times n = n$$

9 números ímpares

39 possibilidades

$$39 - 1 = 38$$

9 possibilidades de

ser ímpar $\neq 1$

$$\frac{9}{38}$$

(C)

2)

$$\frac{3}{6} = \frac{1}{2}$$

(D)

3)

$$1000$$

$$\times 0,17$$

$$\hline 7000$$

$$1000 +$$

$$17000$$

$$170$$

$$\times 2$$

$$\hline 170$$

$$\times 0,44$$

$$1680$$

$$680 +$$

$$\hline 7480$$

$$74,8 \approx 75$$

$$\frac{75}{1000} = 0,0075$$

(B)

4) 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37

$$C_{12}^{12} = \frac{12!}{2! \cdot 10!} = \frac{12 \cdot 11 \cdot 10!}{2! \cdot 10!} = \frac{132}{2} = 66$$

3-5 7-11 13-17 19-23 29-31

5 sequências

$$\frac{5}{66} \quad (B)$$

5) 3.33 = 99 33 números

$$\frac{33}{99} = \frac{1}{3} \quad (B)$$

6) (1,6) (2,5) (3,4)
(4,3) (5,2) (6,1) 6 pares

$$n(5) = 36$$

$$\frac{6}{36} = \frac{1}{6} \quad (C)$$