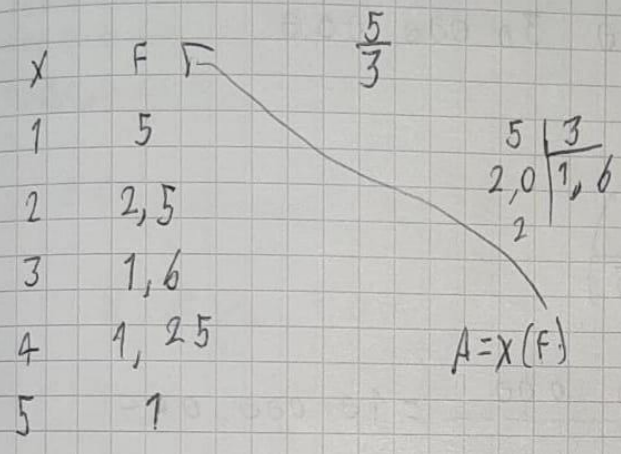


# Evidencias examen

1  $F(x) = \frac{5}{x}$        $\frac{5}{1} = 5$        $\frac{5}{2} = 2,5$



$$\begin{array}{r} 5 \overline{) 3} \\ 2,0 \phantom{0} \\ \underline{2} \phantom{0} \\ 1,6 \end{array}$$

$1 \times 5 = 5$

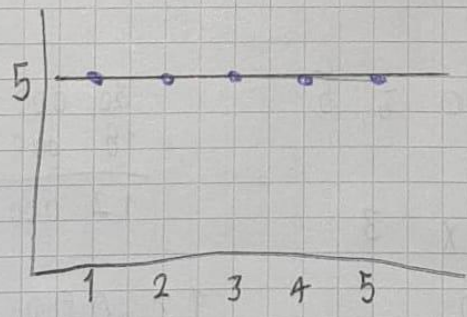
$2 \times 2,5 = 5$

$3 \times 1,6 = 5$

$4 \times 1,25 = 5$

$5 \times 1 = 5$

x	x(F)
1	5
2	5
3	5
4	5
5	5



6

3  
 $3\ 000\ 000 + b$

$$3\ 000\ 000 \times 6 = 18\ 000\ 000$$

$$3\ 000\ 000 \times 10 = 30\ 000\ 000$$

4

$$30\ 000\ 000 \cdot \left(\frac{5}{15}\right)$$

$$\frac{150\ 000\ 000}{15} = 10\ 000\ 000$$

10 000 000 A

5

$$30.000.000 \div 5$$

$$6.000.000$$

$$6.000.000 \times 3$$

$$18.000.000$$

$$30\ 000\ 000$$

$$18\ 000\ 000$$

$$\hline 12\ 000\ 000$$

$$12.000.000$$

1

6  $30.000.000 \cdot 0,1 = 3.000.000$

$$\begin{array}{r} 300.000 \\ 2,45 \\ 150.000 \\ 120.000 \\ 600.000 \\ 735.000,00 \end{array}$$

$$735.000,00 \cdot 12 =$$

$$8.820.000$$

$$8.820.000 + 30.000.000$$

$$\underline{\underline{38.820.000}}$$

7  $\log_2(x^2) + 3\log_2(x) = 10$

$$\log_2 x^2 + \log_2 x^3 = 10$$

$$\log_2 (x^2 \cdot x^3) = 10$$

$$\log_2 x^5 = 10$$

$$2^{10} = x^5$$

$$\sqrt[5]{2^{10}} = 4$$

$$x = 4$$

9

$$7) 0,85^{7x+5} = 1$$

$$\ln(0,85^{7x+5}) = \ln(1)$$

$$7x+5 \ln(0,85) = \ln(1)$$

$$7x = \frac{\ln(1)}{\ln(0,85)} - 5$$

$$7x = 0 - 5$$

$$7x = -5$$

$$x = \frac{-5}{7}$$

$$x = -0,714$$

K  
KLP