

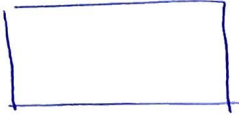
2D

7

a) 119 buffers $\rightarrow x$ de 20E
 $\rightarrow 119-x$ de 50E

$$20x + (119-x) \cdot 50 = 4120E$$

b)



Base $\rightarrow \frac{x}{4} + 10$

Altura $\rightarrow x$

P = 50

$$2 \left(\frac{x}{4} + 10 \right) + 2x = 50$$

c)

	kg de	Preço	Custo
Café extra	x	9	9x
Café moído	20-x	7	7(20-x)
Mozela	20	8,5	20 \cdot 8,5

$$9x + 7(20-x) = 20 \cdot 8,5$$

d)

	larg	destró 5 anos
Caixa	x+8	x+8+5 = x+13
Caixa	x	x+5

$$x+13 = 2(x+5)$$