

PROBLEMAS

~~de repaso~~

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230 €

$$\begin{array}{r}
 10€ + \frac{4x}{3} \quad 10 + \frac{440}{3} \quad \frac{1}{3} + x \quad \frac{4 \cdot 10}{3} = \frac{440}{3}x \\
 10 + \frac{4x}{3} \quad + \quad \frac{4x}{3} \quad + \quad x = 110
 \end{array}$$

$$10 + \frac{4x}{3} + \frac{4x}{3} + x = 230$$

$$\frac{30}{3} + \frac{4x}{3} + \frac{4x}{3} + \frac{3x}{3} = \frac{690}{3}$$

$$\begin{aligned}
 30 + 4x + 4x + 3x &= 690 \\
 11x &= 660 \\
 x &= 110
 \end{aligned}$$

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$$\begin{array}{r}
 \frac{1}{10}x \quad \frac{1}{5}x \quad \frac{1}{3}x \quad + \quad 33 \\
 \frac{1}{10}x \quad + \quad \frac{1}{5}x \quad + \quad \frac{1}{3}x \quad + \quad 33 = x
 \end{array}$$

$$\frac{1x}{10} + \frac{x}{5} + \frac{x}{3} + 33 = x$$

$$\frac{3x}{30} + \frac{6x}{30} + \frac{10x}{30} + \frac{990}{30} = \frac{30x}{30}$$

$$3x + 6x + 10x - 30x = -990$$

$$-11x = -990$$

$$x = 90$$