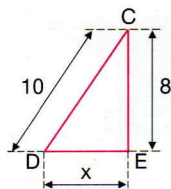
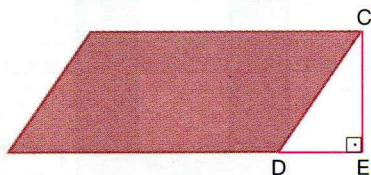


Solução:

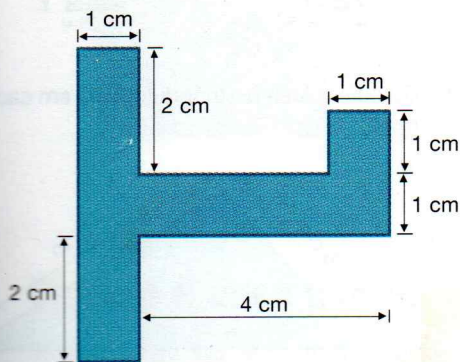
No paralelogramo podemos destacar o triângulo CDE:



$$10^2 = 8^2 + x^2 \Rightarrow x^2 = 100 - 64 = 36 \Rightarrow x = 6$$

$$A = (20 - 6)8 = 112 \text{ cm}^2$$

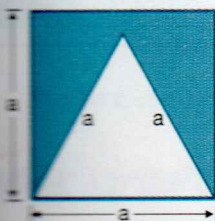
2. Calcule a área colorida da figura.



Solução:

$$A = A_{\square} + A_{\square} + A_{\square} = 1 \cdot 5 + 3 \cdot 1 + 1 \cdot 2 \Rightarrow A = 10 \text{ cm}^2$$

3. Calcule a área colorida **A** da figura.



Solução:

$$A = A_{\square} - A_{\Delta} = a^2 - \frac{a^2 \sqrt{3}}{4} = a^2 \left(1 - \frac{\sqrt{3}}{4} \right)$$

△ equilátero