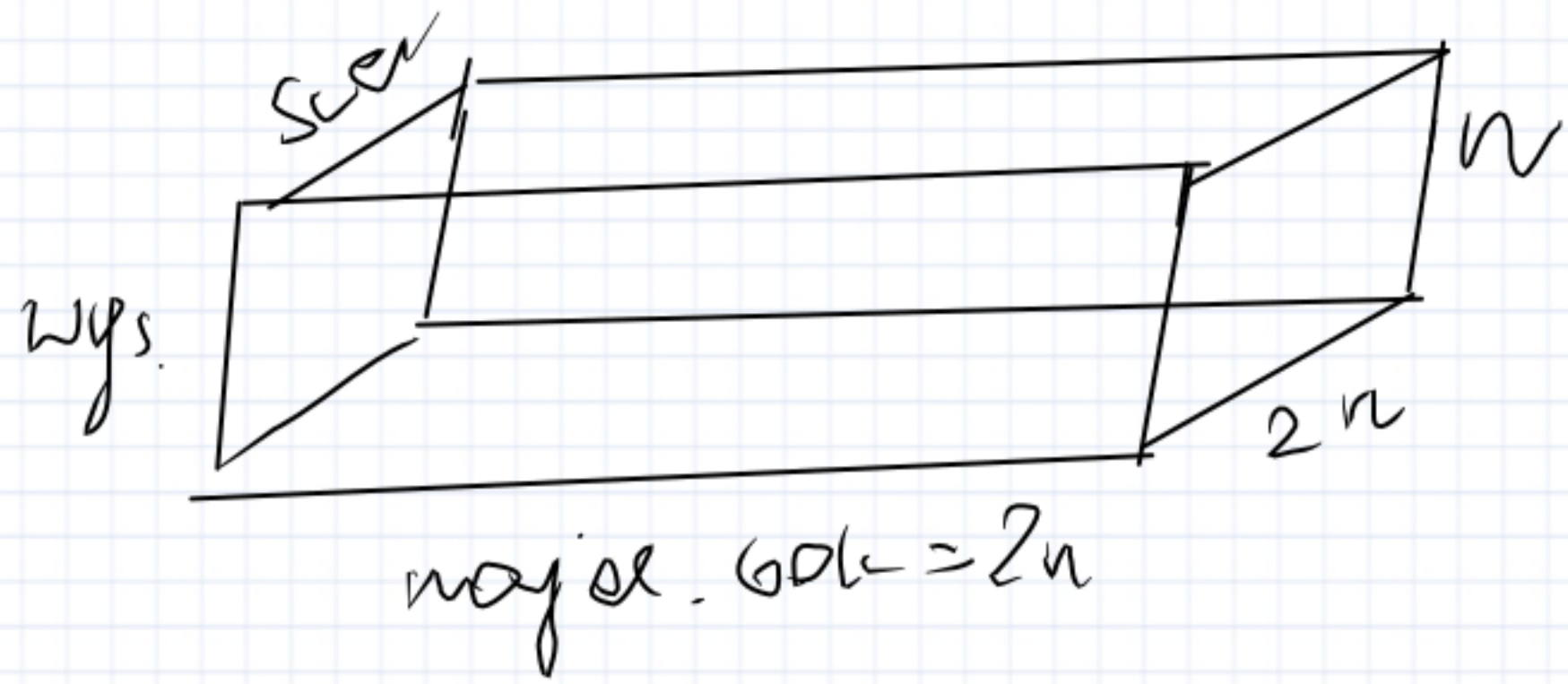


Zadanie 10

$Ob = 2 \times \text{wysokość} + 2 \times \text{szerokość} + \text{najdłuższy bok}$



$Ob = 2 \cdot n + 2 \cdot 2n + 2n = 8n$

$8n \leq 300 \text{ cm}$

(C) Eliminujemy odp:

$8 \cdot \lfloor 37,5 \text{ cm} \rfloor = 300 \text{ cm}$

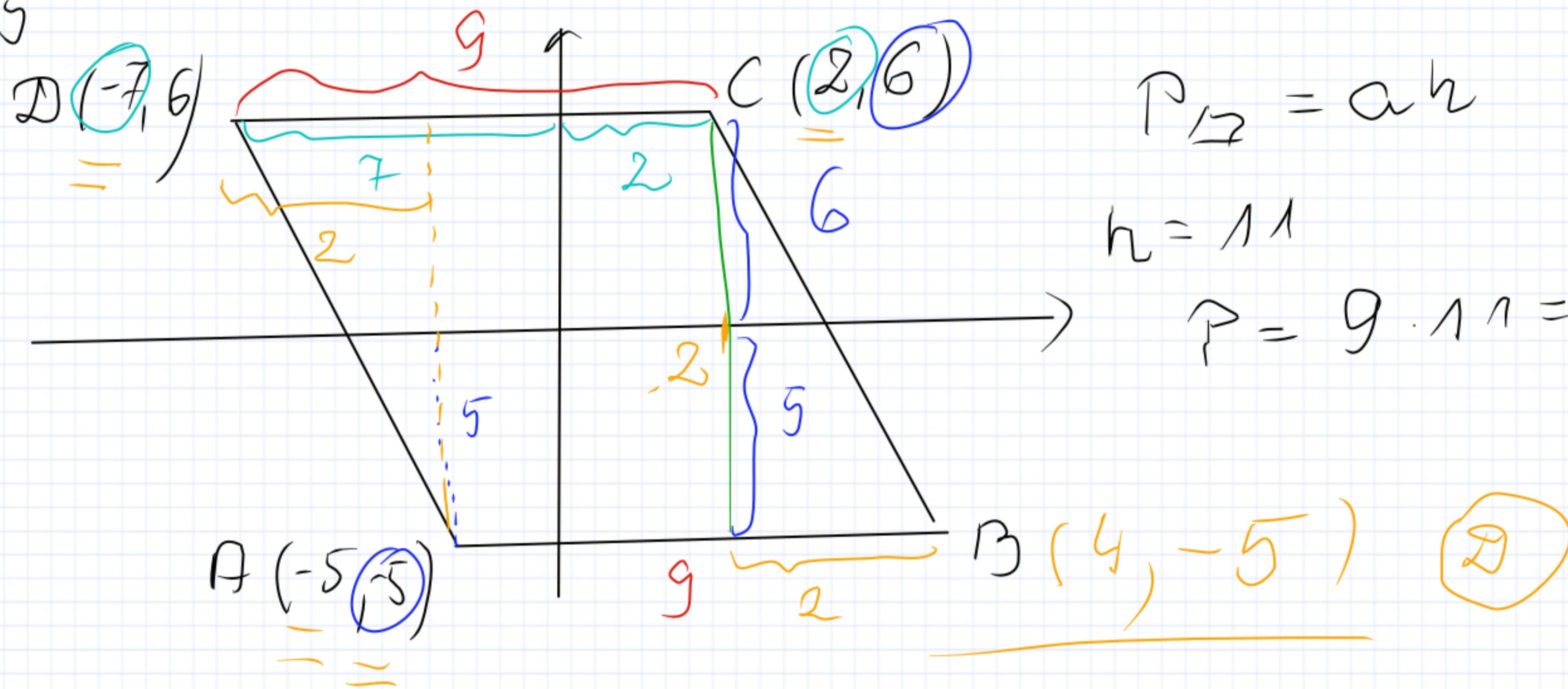
Zadanie 14

$30 \text{ ml} = \frac{30}{1000} \text{ l}$

$12 \text{ m}^2/\text{liter}$

$\frac{30}{1000} \text{ [l]} \cdot 12 \left[ \frac{\text{m}^2}{\text{l}} \right] = \frac{360}{1000} \text{ m}^2 = 3600 \text{ cm}^2$  (C)

Zadanie 15

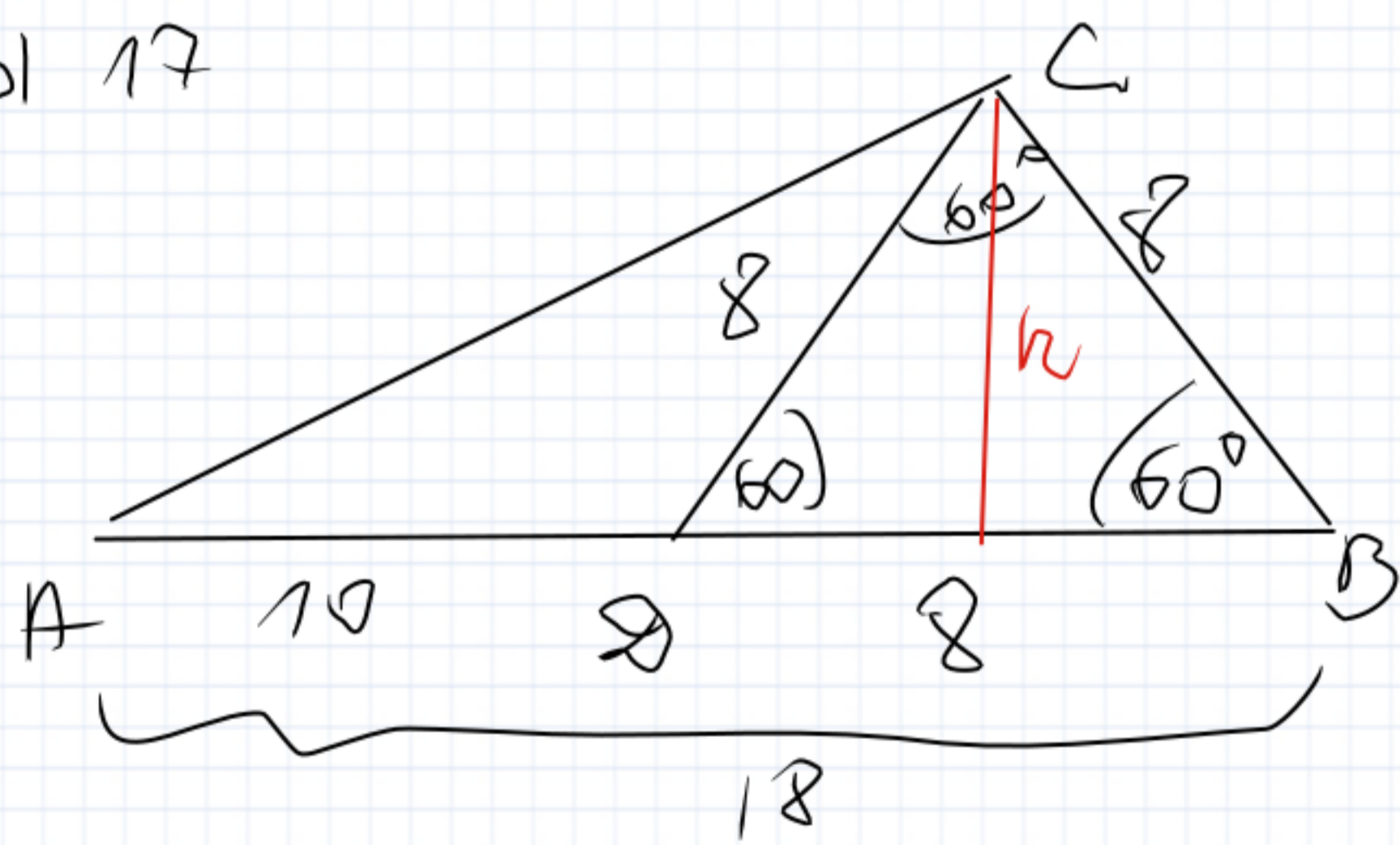


$P_{\square} = a \cdot h$

$h = 11$

$P = 9 \cdot 11 = 99 \text{ [j}^2\text{]}$  (A)

Zadanie 17



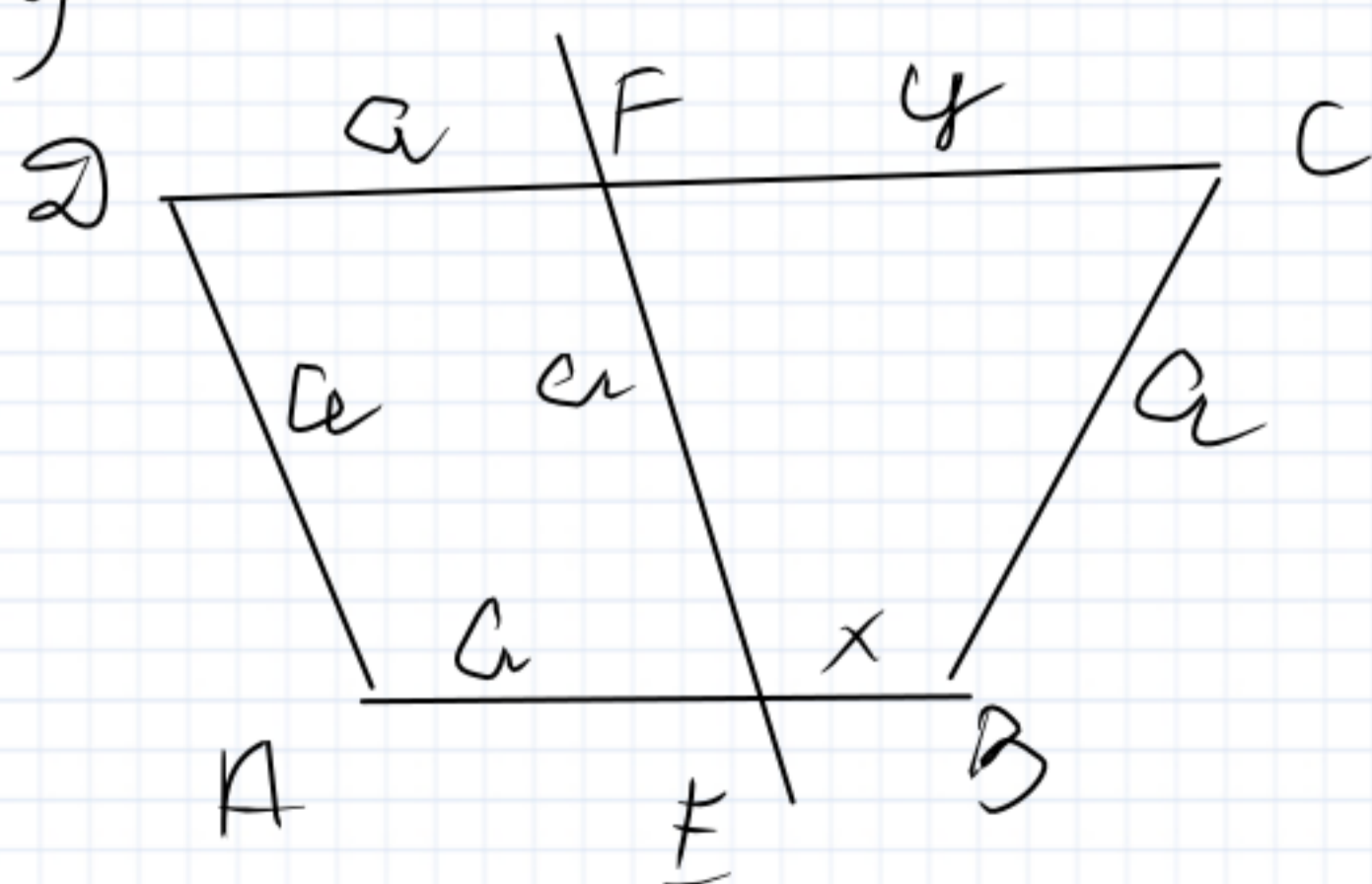
$\Delta BCD$  jest równoramienny  $\Rightarrow \Delta ABC$  jest równoboczny

$\angle DBC = 60^\circ$

$h = \frac{a\sqrt{3}}{2} = \frac{8\sqrt{3}}{2} = 4\sqrt{3}$

$P_{\Delta ABC} = \frac{1}{2} a h = \frac{1}{2} \cdot 18 \cdot 4\sqrt{3} = 36\sqrt{3} \text{ [j}^2\text{]}$

Zadanie 19



$Ob_{AEFB} = 4a$

$4a = 52 \Rightarrow a = 13$

$Ob_{EBCF} = 52 - 13 = 39$

$x + a + y + a = 39$

$x + y + 2 \cdot 13 = 39$

$x + y = 13$

(D)