

$$13,90 \text{ €} \rightarrow 5 \text{ Kg}$$

$$\downarrow$$

$$140 \text{ m}^2$$

$$A_{tr} = \frac{b \times h}{2}$$

$$A_{ent} = \frac{18 \times 30}{2} = 9 \times 30 = 270 \text{ m}^2$$

$$\frac{270}{140} \mid 13,90 \rightarrow \frac{270 \times 13,90}{140} = 26,81 \text{ €}$$

$$A_{SR} = A_{PRC} - A_{PAS} = A_{PRC} - 270$$

$$\rightarrow A_{PRC} = \frac{PR \times RC}{2} = \frac{40 \times RC}{2}$$

Les triangles PRC et PAS sont semblables.

$\hat{P} \rightarrow$ en commun \hat{S} et $\hat{C} \rightarrow$ correspondants

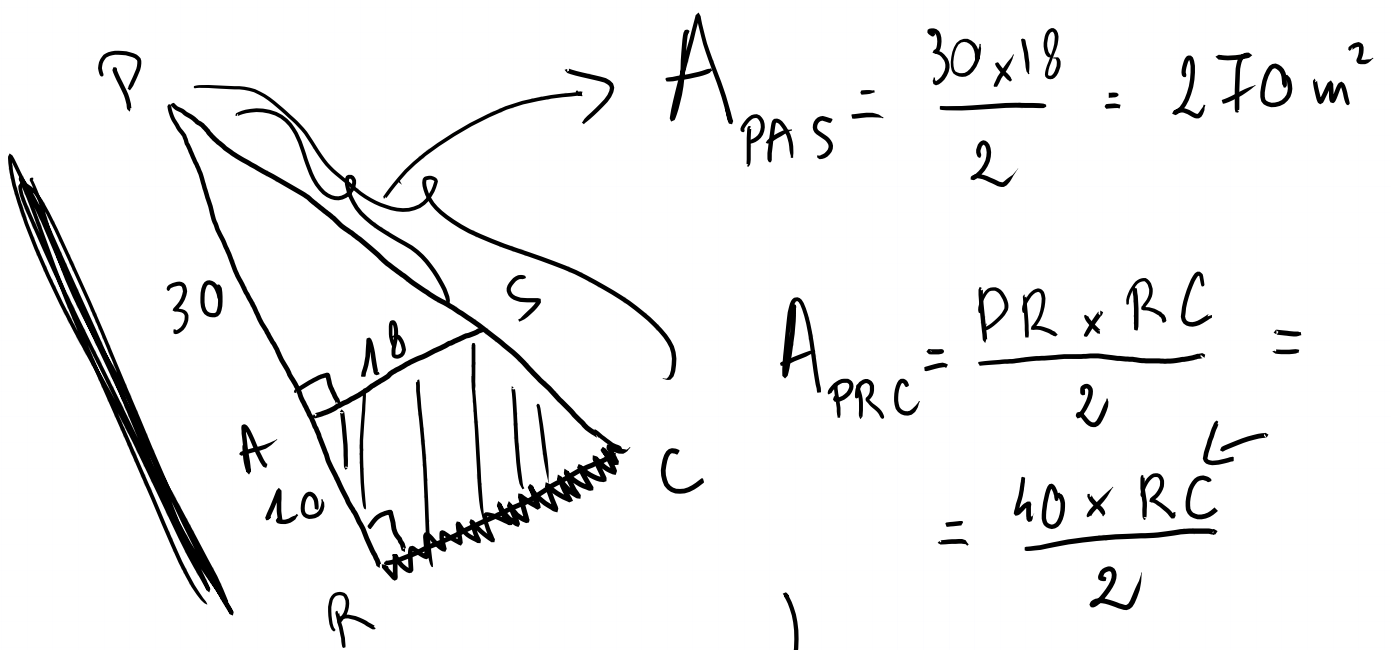
$$\Rightarrow \text{Thalès: } \frac{RC}{AS} = \frac{PR}{PA} \Rightarrow RC = \frac{PR}{PA} \times AS = \frac{40}{30} \times 18$$

$$RC = 24 \Rightarrow A_{PM} = \frac{40 \times 24}{2} = 40 \times 12 = 480 \text{ m}^2$$

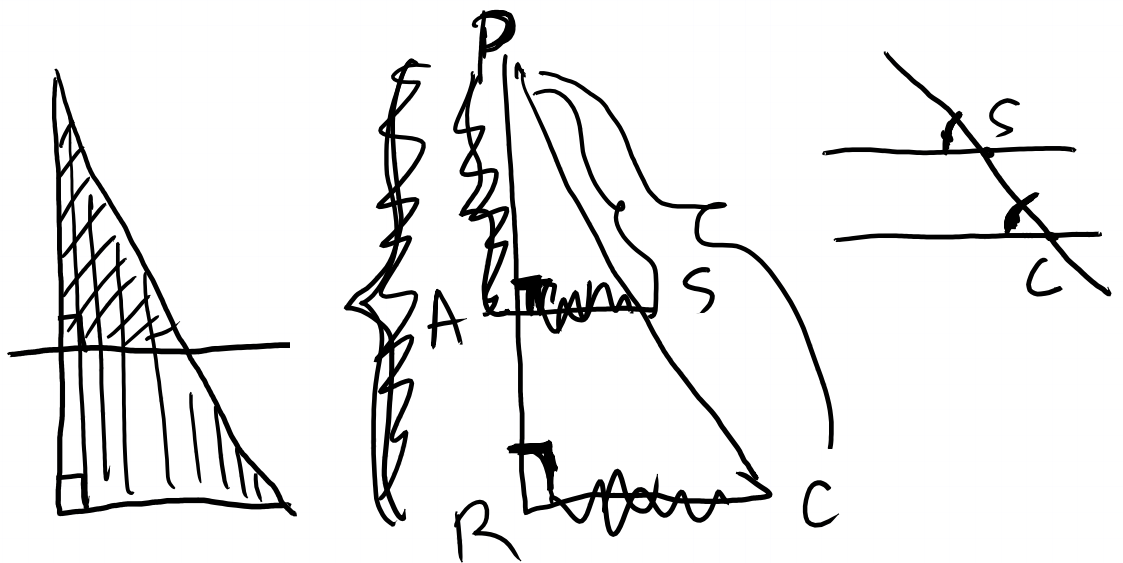
$$A_{SK} = 480 - 270 = 210 \text{ m}^2$$

$\begin{array}{r l} 270 & \\ \hline 140 & 5 \end{array}$	\nearrow	$\frac{270 \times 5}{140} = 9,6 \text{ kg}$
		\Downarrow
		2 sacs

$$\underline{13,90 \times 2 = 27,8}$$



$$A_{SK} = A_{PRC} - A_{PAS}$$



PAS et PRC sont semblables.

Thalès:

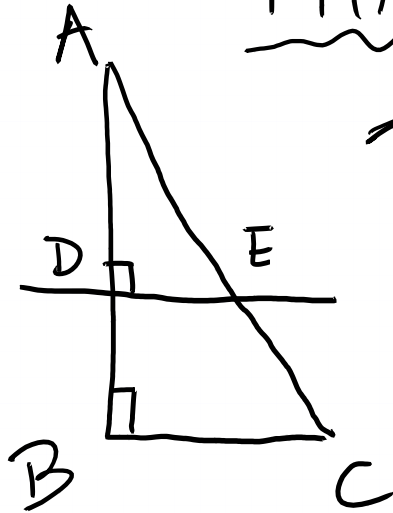
$$\frac{RC}{AS} = \frac{PR}{PA} = \frac{PC}{PS}$$

1^{er} tri
2^{em} tri

$\frac{40}{30}$

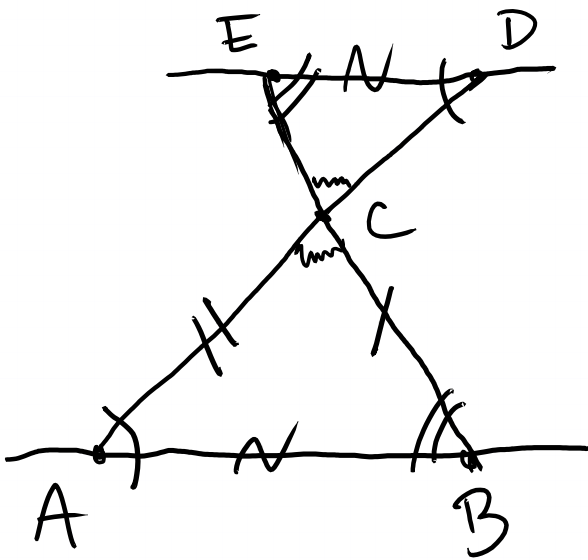
$$\frac{PC}{18} = \frac{40}{30} \Rightarrow PC = \frac{40 \times 18}{30} = 24$$

THALÈS



$$\frac{AB}{AD} = \frac{BC}{DE} = \frac{AC}{AE}$$

$$\frac{AD}{AB} = \frac{DE}{BC} = \frac{AE}{AC}$$



\hat{A} et \hat{D} alt. int.

\hat{E} et \hat{B} alt. int.

$\hat{C} \rightarrow$ opposé



les triangles ABC et CED sont semblables.

Thalès :

$$\frac{AB}{DE} = \frac{AC}{CE} = \frac{CB}{ED}$$