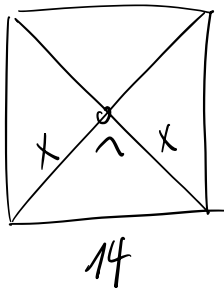
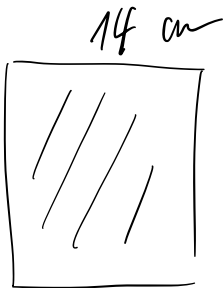
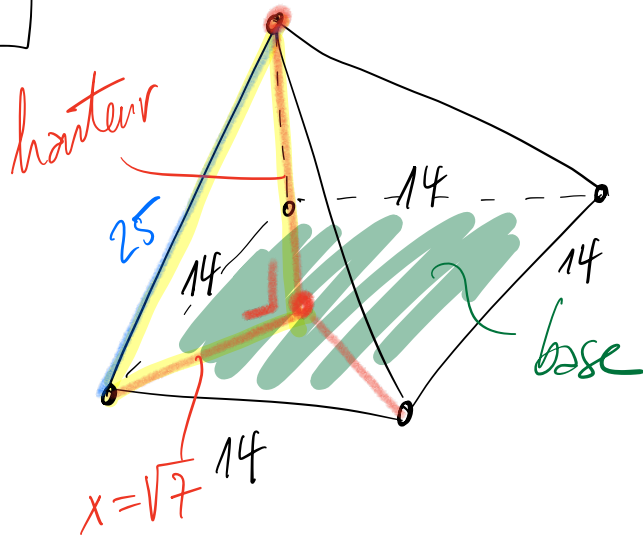


5.7



Arre totale

$$\text{Volume} = \frac{\text{base} \cdot \text{hauteur}}{3}$$

$$h = \sqrt{625 - 98} = \sqrt{527} \approx 22,956$$

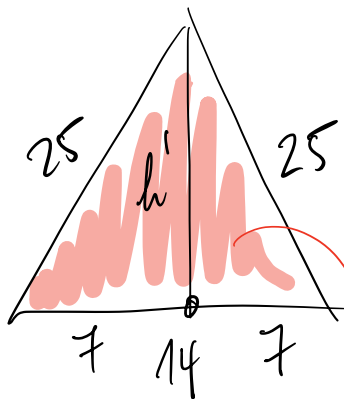
$$\text{base} = 196 \text{ cm}^2$$

$$x^2 + x^2 = 14^2 \quad x = \sqrt{98}$$

$$2x^2 = 196$$

$$x^2 = 98$$

$$V = \frac{196 \cdot 22,956}{3} \approx 1499,82 \text{ cm}^3$$



$$h' = \sqrt{625 - 49} = \sqrt{576} = 24$$

$$A_{\Delta} = \frac{14 \cdot 24}{2} = 7 \cdot 24 = 168$$

$$A_{\text{pyr.}} = 4 \cdot 168 + 196 = \underline{868 \text{ cm}^2}$$

5.8

