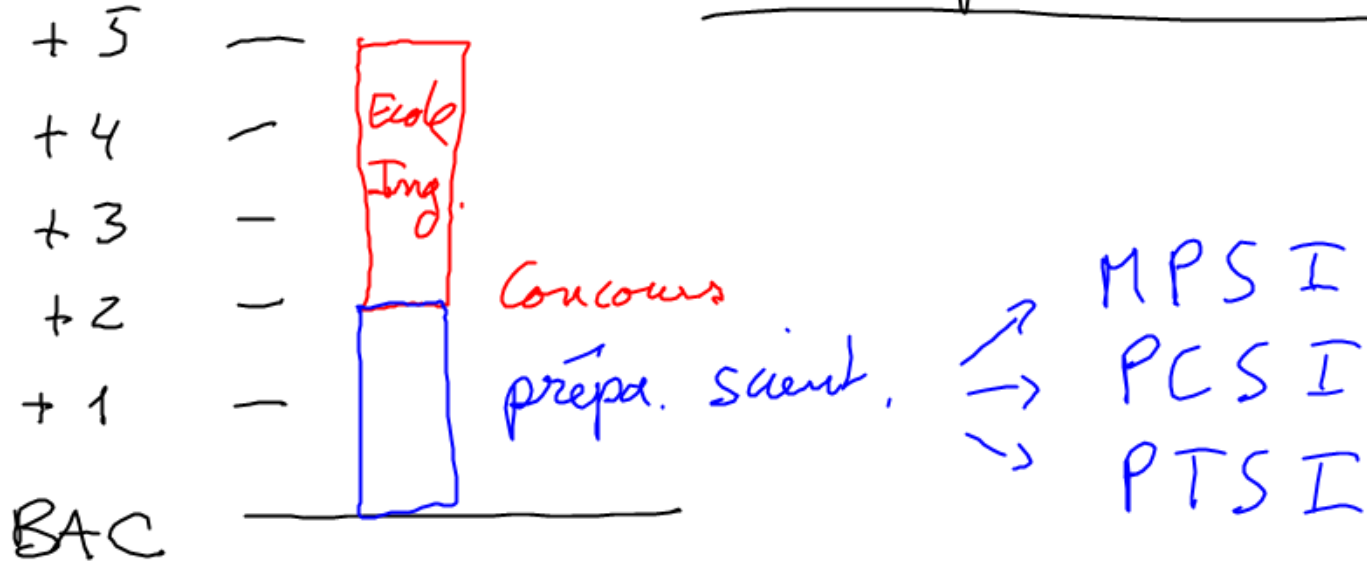
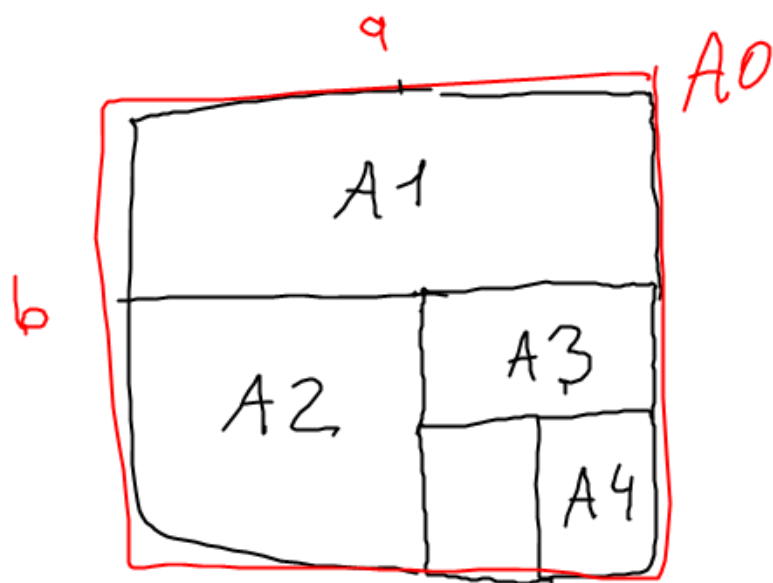


Etude pour devenir ingénieur

1/3





A0:

$$A = a \cdot b = 1 \text{ m}^2 \quad (1)$$

$$\frac{b}{a} = \sqrt{2} \quad (2)$$

$$b = a \cdot \sqrt{2}$$

$$a \cdot \textcircled{b} = 1$$

$$\frac{b}{a} = \sqrt{2} \quad \textcircled{b} = a \cdot \sqrt{2}$$

$$a \cdot a \cdot \sqrt{2} = 1$$

$$a^2 \cdot \textcircled{\sqrt{2}} = 1$$

$$a^2 = \frac{1}{\sqrt{2}}$$

$$a = \sqrt{\frac{1}{\sqrt{2}}}$$

$$a \approx 0,84089 \text{ m}$$

$$b = a \cdot \sqrt{2} = 0,84089 \cdot \sqrt{2} \approx 1,1892 \text{ m}$$

$$a = b \cdot \textcircled{c}$$

$$\frac{a}{c} = b$$

