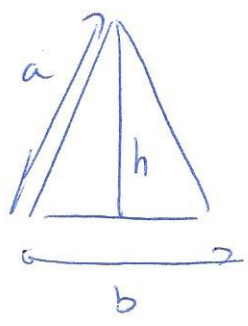


①

a)



$$a) \quad \text{Area} = \frac{\frac{b}{2} \times h}{2} \times 2 = \frac{b}{2} \times h$$

$$h^2 = a^2 - \left(\frac{b}{2}\right)^2 = 5^2 - 3^2 = 16 \Rightarrow h = 4.$$

$$\text{Area} = \frac{b}{2} \times h = 3 \times 4 = \underline{\underline{12 \text{ cm}^2}}$$

$$b) \quad \text{Area} = \frac{b}{2} \times h$$

$$h^2 = a^2 - \left(\frac{b}{2}\right)^2 \Rightarrow h = \sqrt{a^2 - \left(\frac{b}{2}\right)^2} = \sqrt{a^2 - \frac{b^2}{4}}$$

$$\text{Area} = \frac{b}{2} \times h = \frac{b}{2} \times \sqrt{a^2 - \frac{b^2}{4}} \quad \text{c.g.f.d}$$

c) Dans S recte $H \times B : 2$