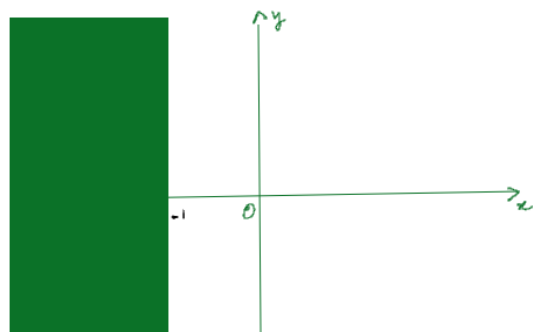
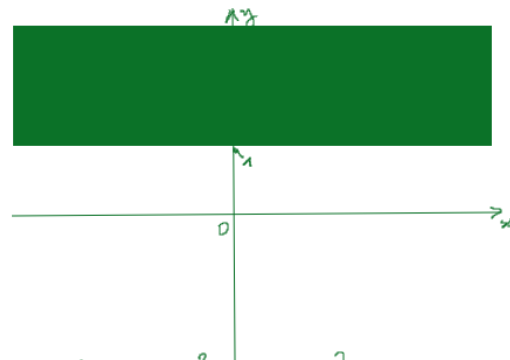


Régions planes

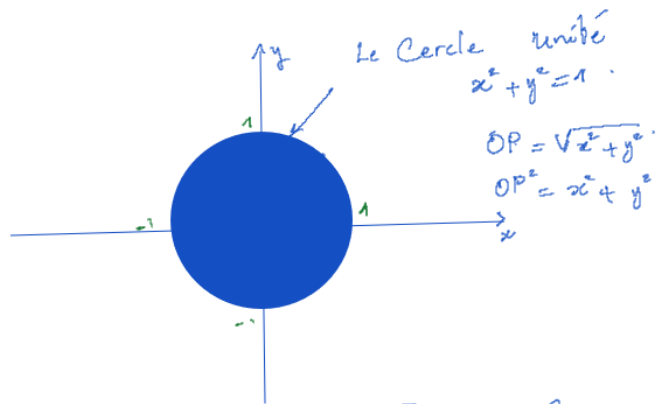
Décrire les régions planes hachurées.



$$E = \{(x, y) \in \mathbb{R}^2; x \leq -1\}$$

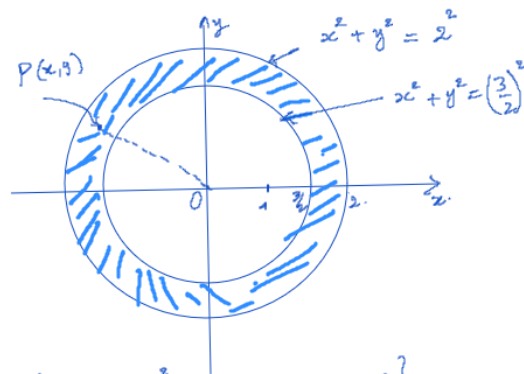


$$E = \{(x, y) \in \mathbb{R}^2; y \geq 1\}$$



$$E = \{(x, y) \in \mathbb{R}^2; \sqrt{x^2 + y^2} = OP \leq 1\}$$

$$= \{(x, y) \in \mathbb{R}^2; x^2 + y^2 \leq 1\}$$

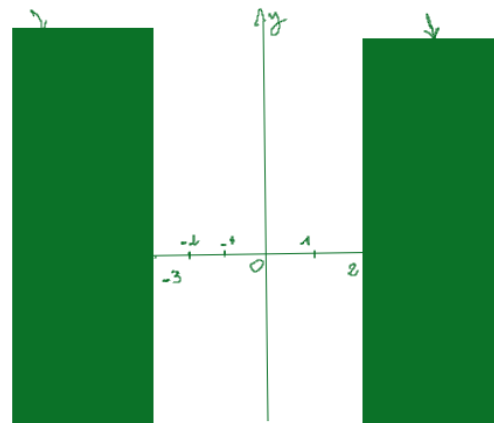


$$E = \{(x, y) \in \mathbb{R}^2; \frac{3}{2} \leq OP \leq 2\}$$

$$E = \{(x, y) \in \mathbb{R}^2; \left(\frac{3}{2}\right)^2 \leq x^2 + y^2 \leq 4\}$$

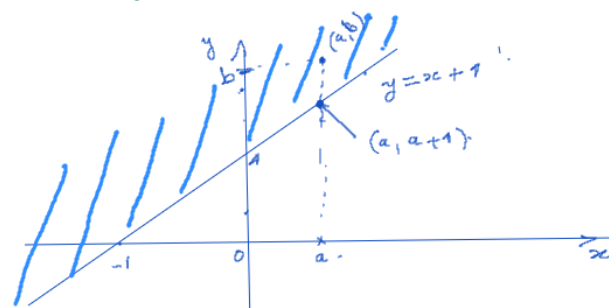
$$E_1 = \{(x, y) \in \mathbb{R}^2; x \leq -3\}$$

$$E_2 = \{(x, y) \in \mathbb{R}^2; x \geq 2\}$$



$$E = E_1 \cup E_2$$

$$= \{(x, y) \in \mathbb{R}^2; x \leq -3 \text{ ou } x \geq 2\}$$



$$E = \{(x, y) \in \mathbb{R}^2; y \geq x + 1\}$$