

Aula 05 - 8.1/3c

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• Analisando as opções

$$\sqrt{y - x^2} \geq 0$$

$$y - x^2 \geq 0$$

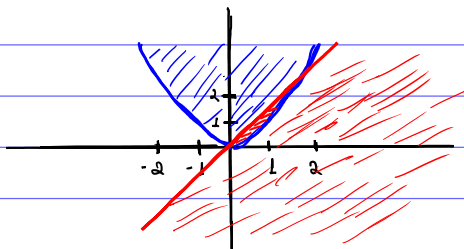
$$y \geq x^2$$

$$\sqrt{2x - y} \geq 0$$

$$2x - y \geq 0$$

$$2x \geq y$$

$$\therefore Df = \{(x, y) \in \mathbb{R}^2 \mid y \geq x^2 \text{ e } y \leq 2x\}$$



$$\text{Red shaded area: } y \leq 2x$$

$$\text{Blue shaded area: } y \geq x^2$$