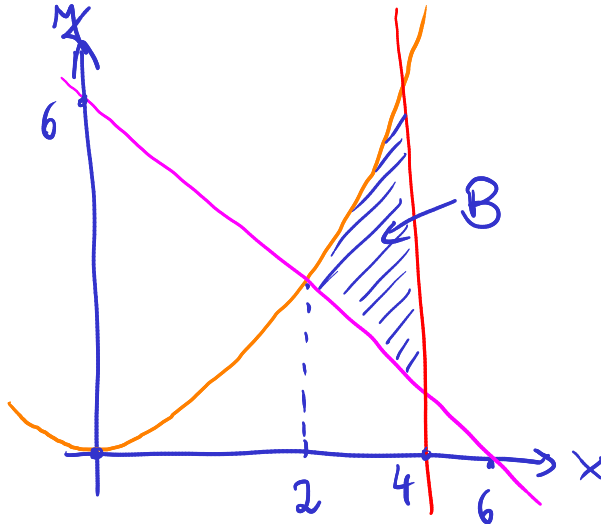


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$y = x^2$, $y = 6 - x$, $x = 4$



$$B = \{(x, y) \in \mathbb{R}^2 :$$

$$2 \leq x \leq 4,$$

$$6 - x \leq y \leq x^2 \}$$