

Page 496 n 109

$$a\sqrt{2a} = \sqrt{a^2 \cdot 2a} = \sqrt{2a^3}$$

C.E.: $2a \geq 0$

$$\boxed{a \geq 0}$$

116: $a \times \sqrt{2ay^2}$

C.E. $2ay^2 \geq 0$

$$x \sqrt{a^2 2ay^2}$$

se $a \geq 0$ (\in perdé $\sqrt{a^2} = |a|$)

$$-(-a) \times \sqrt{2ay^2}$$

Se $a \leq 0$

$$\begin{aligned} &= -x \sqrt{(-a)^2 2ay^2} \\ &= -x \sqrt{2a^3 y^2} \end{aligned}$$

$$a = -3$$

$$a \sqrt{b}$$

$$-(-a) \sqrt{b}$$

$$- \sqrt{(-a)^2 b}$$

$$- \sqrt{a^2 b}$$

$$(-3) \sqrt{b}$$

$$-[-(-3)] \sqrt{b}$$

$$-(3) \sqrt{b}$$

$$-\sqrt{9b}$$

$$-\sqrt{3b}$$

$$x \sqrt{2a^3 y^2}$$

$$\rightsquigarrow \text{Se } x \geq 0 \quad \sqrt{2a^3 x^2 y^2}$$

$$\rightsquigarrow \text{Se } x \leq 0 \quad -(-x) \sqrt{2a^3 y^2}$$

$$- \sqrt{2a^3 x^2 y^2}$$

$$-x \sqrt{2a^3 y^2}$$

$$\rightsquigarrow \text{Se } x \geq 0 \quad - \sqrt{2a^3 x^2 y^2}$$

$$\rightsquigarrow \text{Se } x \leq 0 \quad -(-(-x)) \sqrt{2a^3 y^2}$$

