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$$\sqrt{(x+c)^2 + y^2} + \sqrt{(x-c)^2 + y^2} = 2a$$

$$\sqrt{x-c^2 y^2} \quad 2a - \sqrt{x c^2 y^2}$$

$$\left[ \sqrt{x-c^2 y^2} \right]^2 \quad \left[ 2a - \sqrt{x c^2 y^2} \right]^2$$

$$x - c^2 y^2 \quad 4a^2$$

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