

Rules for Radical Numbers

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$$\sqrt{\frac{a}{b}} = \frac{\sqrt{a}}{\sqrt{b}}$$

The Square root of, a divided by b , is equal to the Square root of a , divided by the square root of b .

$$\sqrt{ab} = \sqrt{a} \cdot \sqrt{b}$$

The Square root of, a multiplied by b , is equal to the Square root of a , multiplied by the square root of b .

$$\sqrt{a} \cdot \sqrt{a} = a$$

The Square root of, a multiplied by the square root of a , is equal a .

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

The Square root of a plus the square root of b , all multiplied by, the Square root of a minus the square root of b ; is equal to a minus b .

$$\sqrt[x]{a} = a^{\frac{1}{x}}$$

The x root of a is equal to a to the power of one over x

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