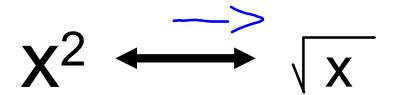
## **SQUARE VS. SQUARE ROOTS**



What is the opposite of a square?

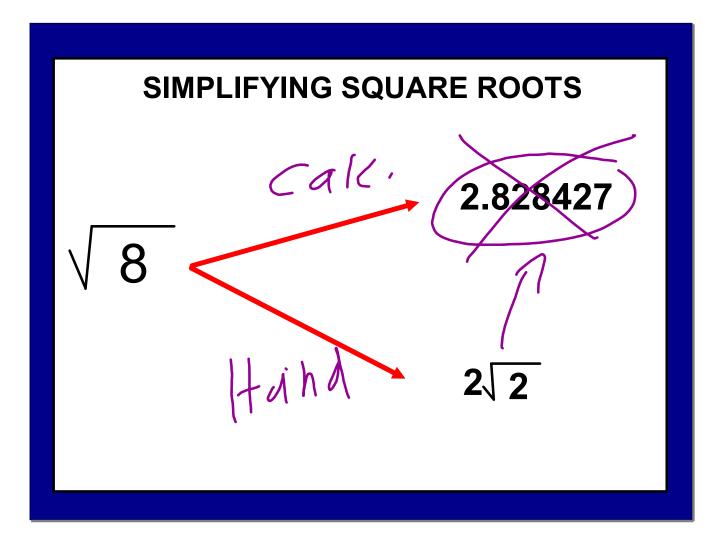
solving with square roots 1. Isolate the square. X
2. Takethesquare "5"
3. Simplify Coscectly  Look forestears  & viggest sauns.

## **EXAMPLES:**

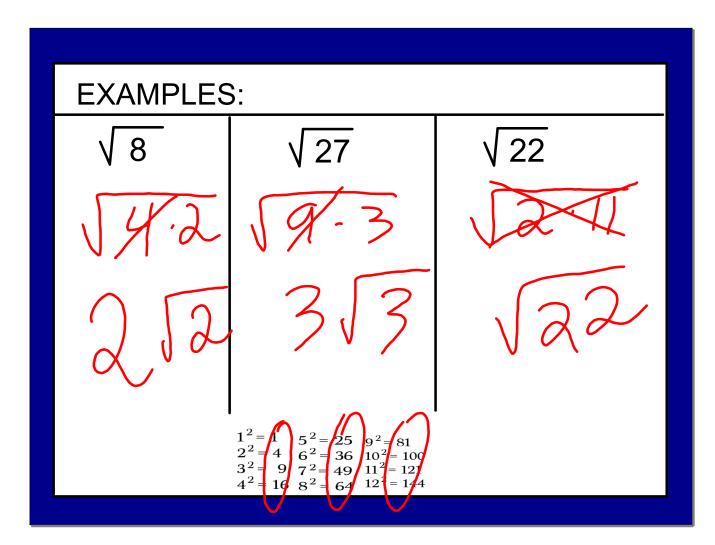
$$\chi^2 = 4$$

X= +2 (2) 2 -2 -4 (-2) 2 -4 (-2) 2 -4 5x-1-125 +1-1-135 -135 -135 -135 -135 -135

"DON'T FORGET TO USE <u>+</u> IN ANSWERS"



## SIMPLIFYING SQUARE ROOTS PERFECT SQUARES $1^2 = 1$ $2^2 = 4$ $3^2 = 9$ $4^2 = 16$ $5^2 = 25$ $6^2 = 36$ $7^2 = 49$ $8^2 = 64$ $9^2 = 81$ $10^2 = 100$ $11^2 = 121$ $12^2 = 144$ SIMPLIFYING SQUARE ROOTS Look For b. 15est 1. Perfect Square by: 2. Blurite the hoot Leave 3. Simplify & Behind [X+1]A



## **EXAMPLES**:

$$x^2 = 28$$

 $3x^2 + 1 = 31$ 

 $\frac{3x^{2}}{3} = \frac{30}{3}$ 

"DON'T FORGET TO USE <u>+</u> & SIMPLIFY ANSWERS"