

Monday August 29,
2016

SWBAT;

Determine whether functions are inverses.

$$f(x) = x^2 - 1 \rightarrow y = x^2 - 1 \rightarrow x = \sqrt{y + 1}$$

$$\sqrt{x+1} = y^2 \rightarrow \sqrt{x+1} = y.$$

You can plug in anything for "x" ~ Damas
You cannot square root negative numbers.

$$g(x) = 3x + 2 = y = 3x + 2$$

Switch to y.
Change the y to x

$$x = 3y + 2 = \frac{x - 2}{3} = \frac{x - 2}{3} = y$$

- Range covers smallest y-value to largest y-value
the lowest y-value is 0.