Write the equation of this function

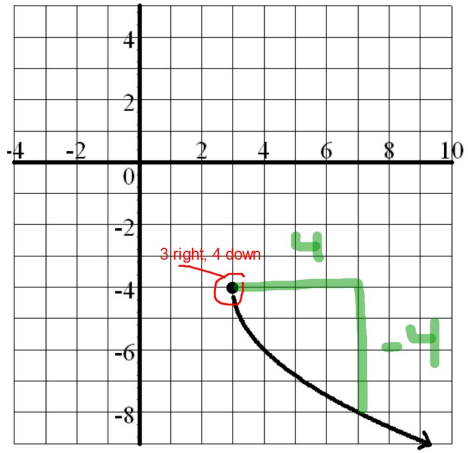
This Function: 4 over -4

Parent Function: 2 over 4

Vertical Stretch Factor: $\frac{-4}{2} = -2$

$y = -2\sqrt{x-3} - 4$

this graph is upside down



Write the equation of this function

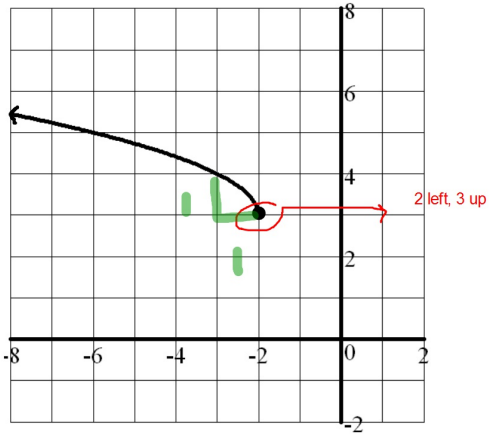
This Function: 0 over 1

Parent Function: 1 over 1

Vertical Stretch Factor: $\frac{1}{1} = 1$

$y = \sqrt{-(x+2)} + 3$

this graph is backwards



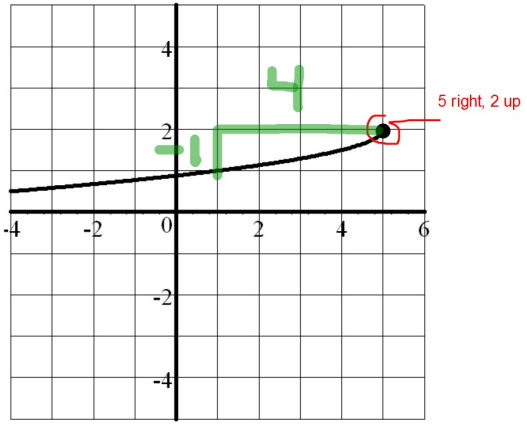
Write the equation of this function

This Function: 4 over -1

Parent Function: 2 over 4

Vertical Stretch Factor: $\frac{-1}{2}$

$y = -\frac{1}{2}\sqrt{-(x-5)} + 2$



Write the equation of this function

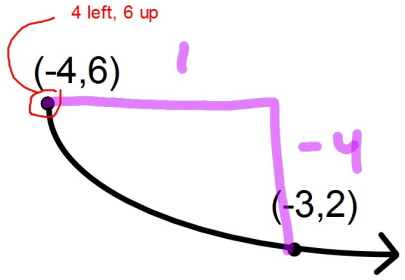
This Function: 1 over -4

Parent Function: 0 over 1

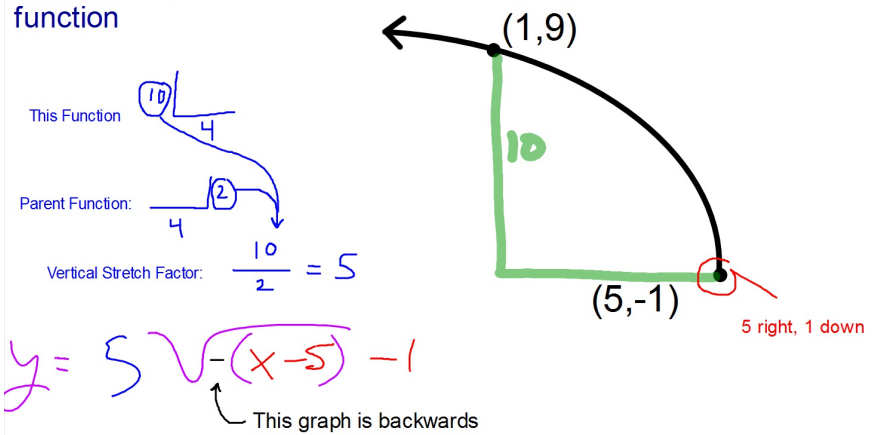
Vertical Stretch Factor: $\frac{-4}{1} = -4$

$y = -4\sqrt{x+4} + 6$

this graph is upside down



Write the equation of this function



Write the equation of this function