

Inverse Relations and Functions

A function _____ input values to _____ output values.

Support:

$$f(x) = \frac{1}{2}x^2 - 3$$



Finding an inverse:

$$f(x) = \frac{1}{2}x^2 - 3 \longrightarrow y = \frac{1}{2}x^2 - 3 \longrightarrow$$

$$f(x) = x^3 - 7$$

Check your work:

Final Examples:

$$f(x) = 4x - 8$$

$$f(x) = 6x - 2$$