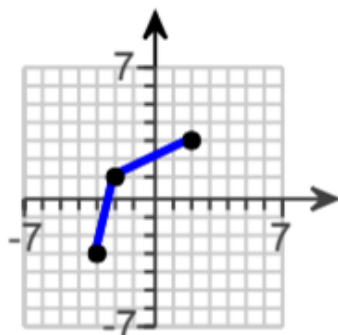


Complete as many of the following problems as you can. You do not have to go in order.

Note: This classwork is optional

- (1) Find an equation for the inverse function: $f(x) = x^3 + 4$
- (2) Find an equation for the inverse function: $h(x) = (x + 3)^5$
- (3) Find an equation for the inverse function: $f(x) = \frac{13}{x}$
- (4) Find an equation for the inverse function: $f(x) = \frac{x^3 - 1}{4}$
- (5) Find an equation for the inverse function: $f(x) = x^{1/4}$
- (6) Find an equation for the inverse function: $f(x) = \frac{x+1}{x-1}$
- (7) Use the graph below to draw a graph of its inverse function.



Key:

- (1) $\sqrt[3]{x-4}$
- (2) $\sqrt[5]{x-3}$
- (3) $\frac{13}{x}$
- (4) $\sqrt[3]{4x+1}$
- (5) x^4
- (6) $\frac{x+1}{x-1}$

