Worksheet 5-3 Inverses of Cubic Functions

1. Graph the function and the inverse of

Inverse \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. The function gives the number of full truckloads t of cement needed to form a bridge pillar of width w yards. Write and graph the inverse function w(t) to find the approximate width of a pillar requiring t truckloads of cement. Then estimate the width of a bridge pillar requiring 40 truckloads of cement.

Inverse \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



Describe the graph of each function as a transformation of the graph of the parent cube root functions

1.