

Find the inverse of each function algebraically.

1.  $a(x) = 4x + 16$

2.  $b(x) = \frac{7x + 18}{2}$

3.  $c(x) = -\frac{1}{3}x - \frac{5}{3}$

4.  $d(x) = -\frac{2}{x+1}$

5.  $f(x) = \sqrt[3]{x} - 3$

6.  $g(x) = \frac{2}{5}x - 3$

Sketch the graph of the inverse.

