

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.

