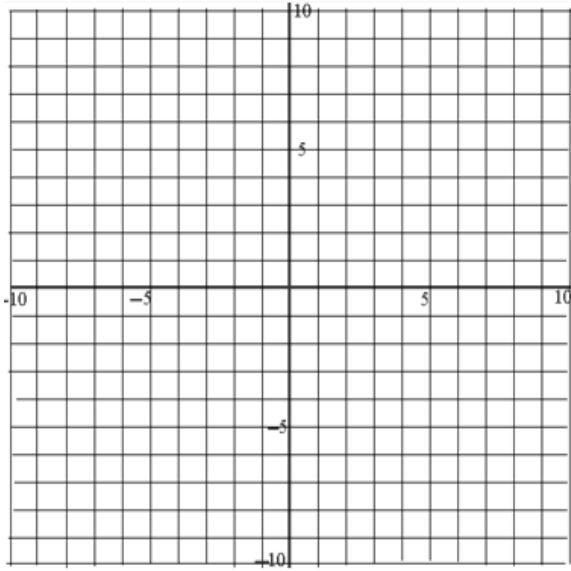


Graph the following equations. Then state the domain and range.

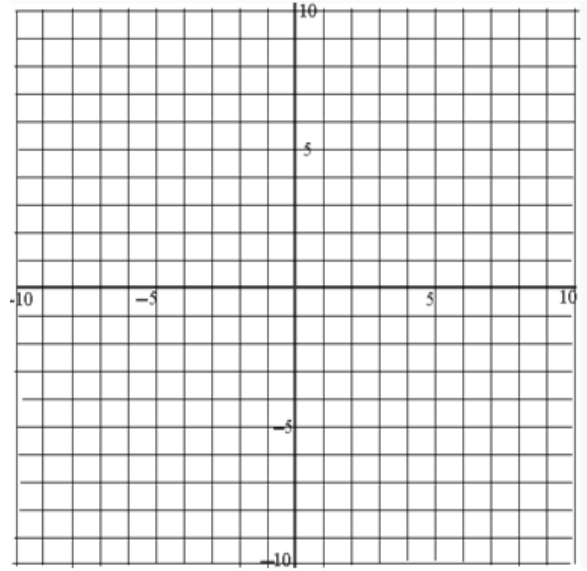
1. $f(x) = \sqrt{x+3} - 2$



Domain: _____

Range: _____

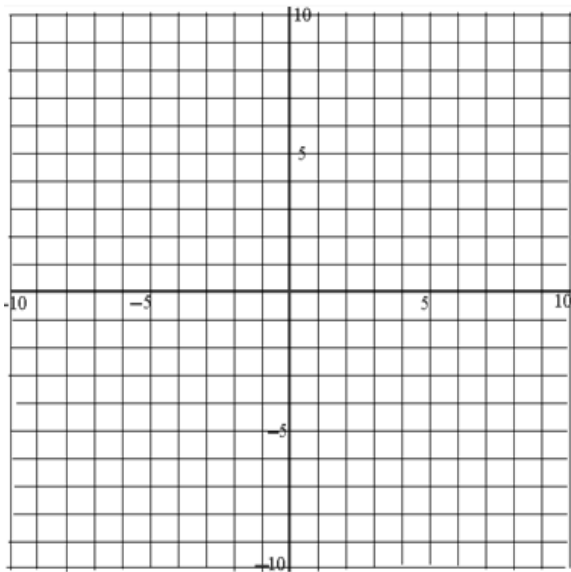
2. $g(x) = \sqrt[3]{x+1}$



Domain: _____

Range: _____

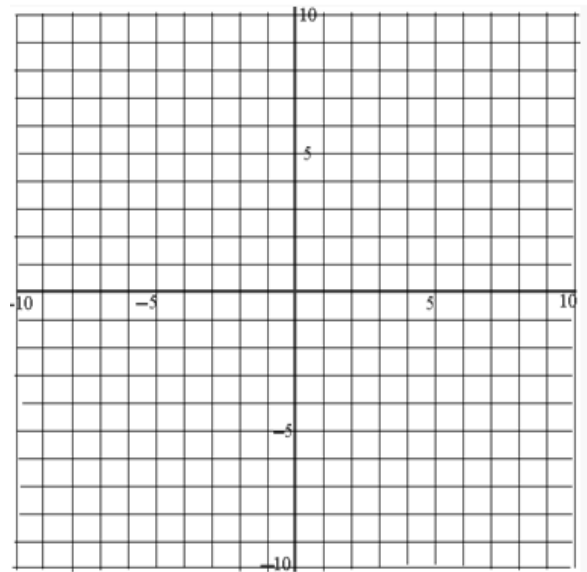
3. $h(x) = 3\sqrt[3]{x} + 1$



Domain: _____

Range: _____

4. $y = -\sqrt{x-4}$

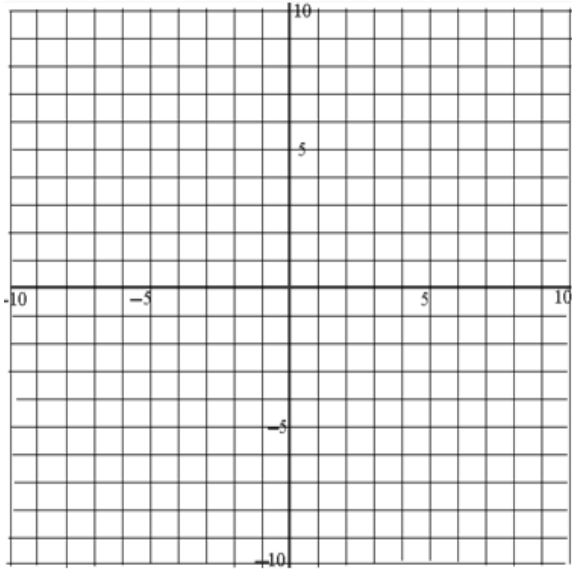


Domain: _____

Range: _____

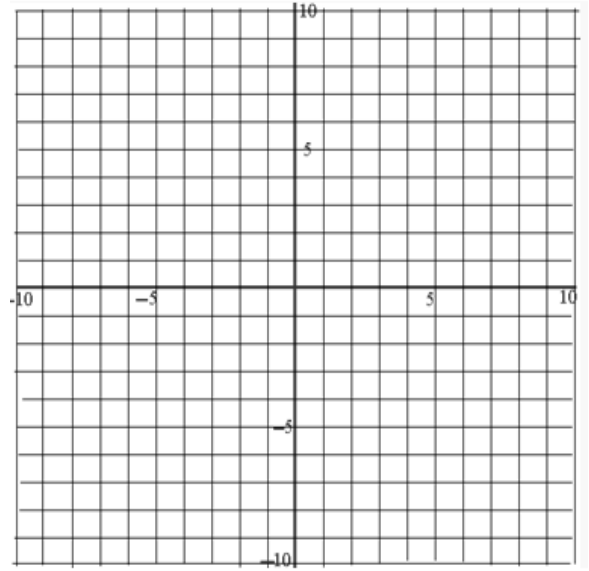
Graph the following equations. Then list the transformations.

5. $f(x) = \frac{1}{2}\sqrt{x} + 4$



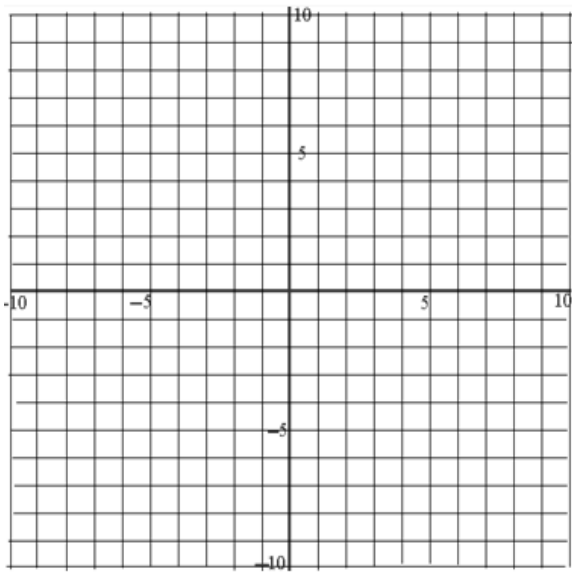
Describe the transformation(s):

6. $g(x) = -\sqrt[3]{x-2} - 5$



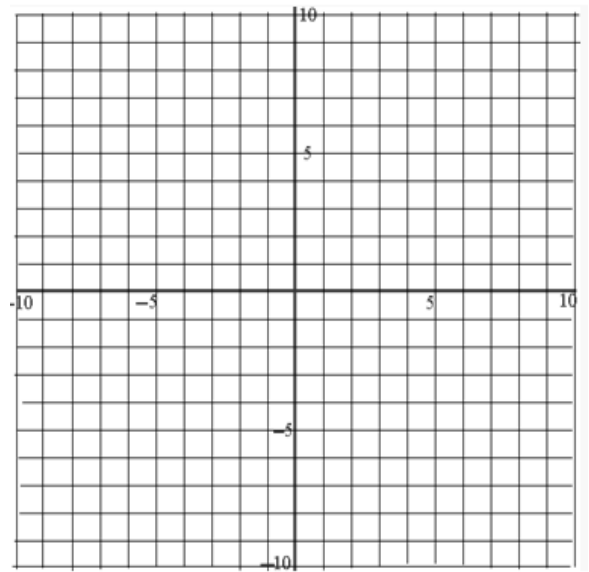
Describe the transformation(s):

7. $h(x) = -2\sqrt[3]{x+1}$



Describe the transformation(s):

8. $y = 4\sqrt{x+5} - 3$



Describe the transformation(s):