

Name _____

Date _____

8A: Algebra 1

Period _____

Homework

#1-8 Name the Parent Function. Describe the transformation. Graph the equation. List the Domain and the Range of the function.

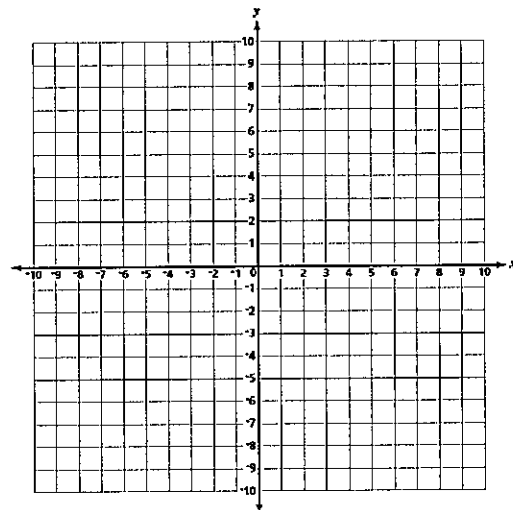
1) $h(x) = \sqrt{x} + 4$

Parent Function: _____

Transformation: _____

Domain: _____

Range: _____



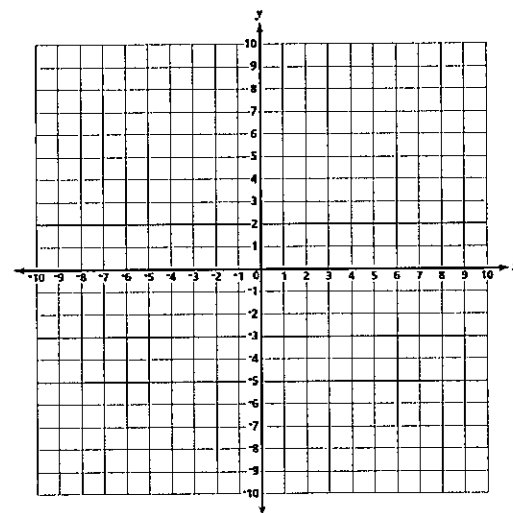
2) $g(x) = (x+1)^2 + 3$

Parent Function: _____

Transformation: _____

Domain: _____

Range: _____



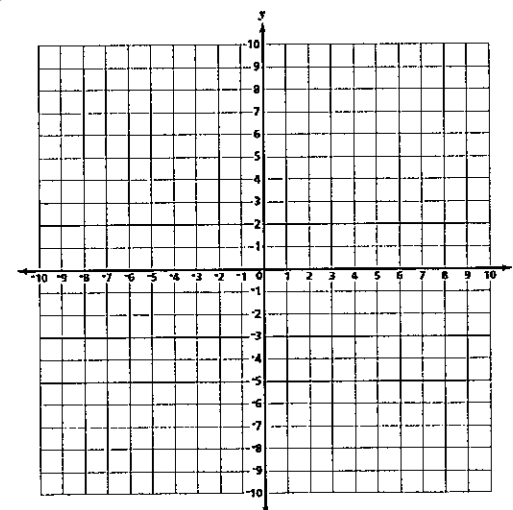
3) $y = x - 2$

Parent Function: _____

Transformation: _____

Domain: _____

Range: _____



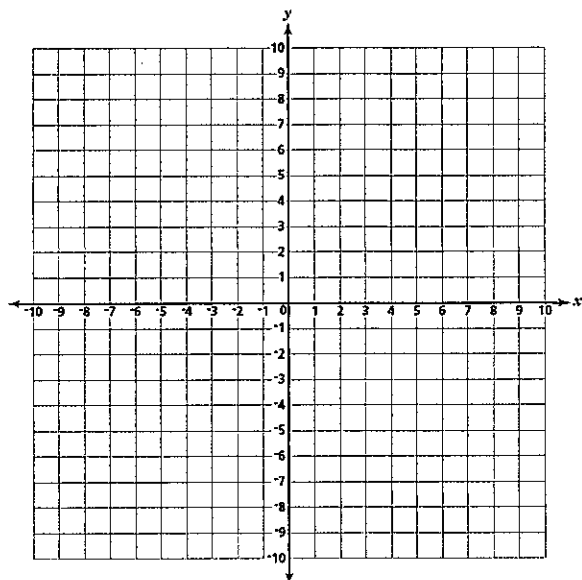
4) $f(x) = |x+5| - 2$

Parent Function: _____

Transformation: _____

Domain: _____

Range: _____



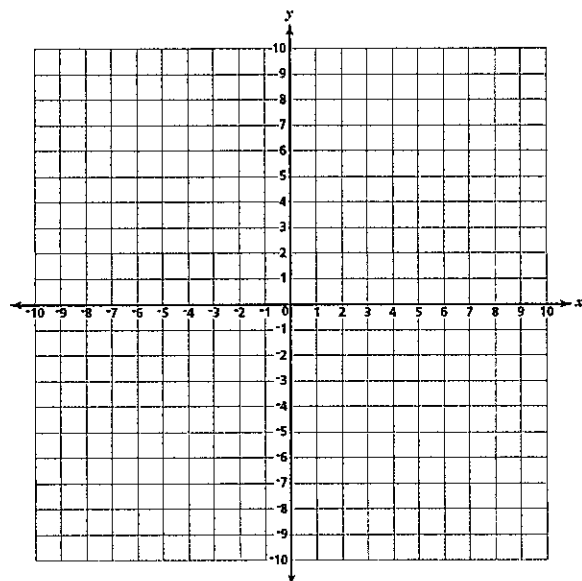
5) $g(x) = \sqrt{x+2} - 5$

Parent Function: _____

Transformation: _____

Domain: _____

Range: _____



6) $h(x) = x^3 + 1$

Parent Function: _____

Transformation: _____

Domain: _____

Range: _____

