

Domain, Range, Symmetry, and graphing functions

Graph the following functions; Label three points. Then, identify the parent function, domain, range, and any symmetry (if it exists).

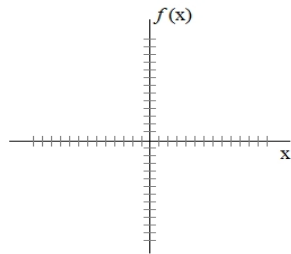
1)  $f(x) = x^2 + 3$

Parent Function:

Domain:

Range:

Symmetry:



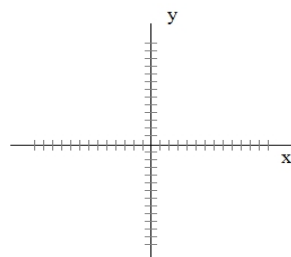
2)  $y = -(x + 4)^2 + 2$

Parent Function:

Domain:

Range:

Symmetry:



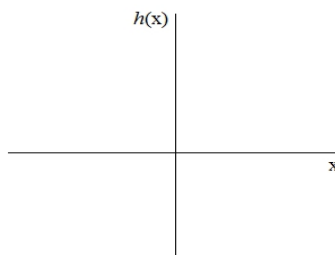
3)  $h(x) = 3\sqrt{x} - 1$

Parent Function:

Domain:

Range:

Symmetry:



4)  $f(x) = -\sqrt{-x}$

Parent Function:

Domain:

Range:

Symmetry:

