

4. Get Organized In each box, give an example of the transformation of the square-root function $f(x) = \sqrt{x}$. (p. 623).

TRANSFORMATION	EQUATION	GRAPH
Vertical translation		
Horizontal translation		
Reflection		
Vertical stretch		



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TRANSFORMATION	EQUATION	GRAPH
Vertical translation	$g(x) = \sqrt{x} + 2$	
Horizontal translation	$g(x) = -\sqrt{x - 2}$	
Reflection	$g(x) = -\sqrt{x}$	
Vertical stretch	$g(x) = 2\sqrt{x}$	