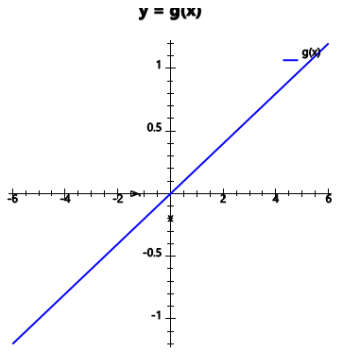
Name

Function Transformations (Definition) - Single Transformation Graph to Function

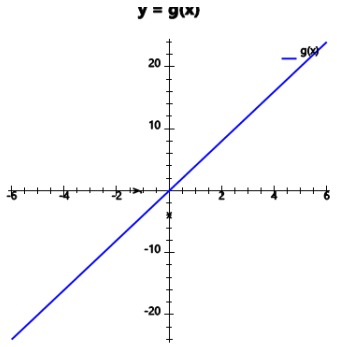
1



Which transformed function g(x) is this graph showing?

A	B
$f(x) = x$ $g(x) = f(0.2x)$	$f(x) = x$ $g(x) = 0.2f(x)$

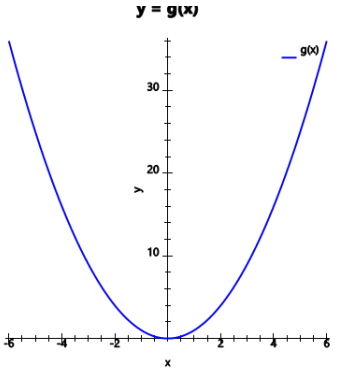
2



Which transformed function g(x) is this graph showing?

A	B
$f(x) = x$ $g(x) = 4f(x)$	$f(x) = x$ $g(x) = f(4x)$

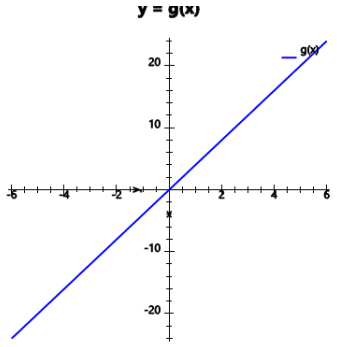
3



Which transformed function g(x) is this graph showing?

A	B
$f(x) = x^2$ $g(x) = -f(x)$	$f(x) = x^2$ $g(x) = f(-x)$

4



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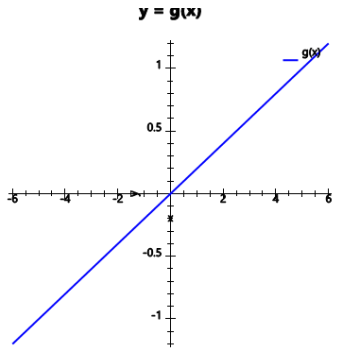
5



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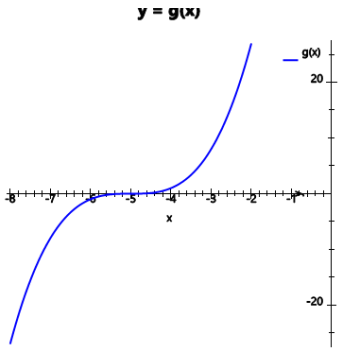
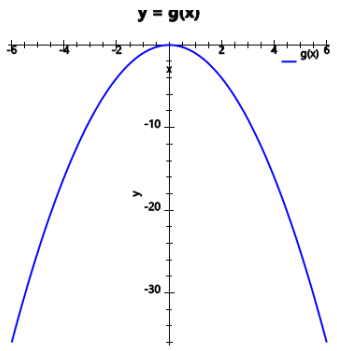
6



Which transformed function g(x) is this graph showing?

A	B
$f(x) = x^3$ $g(x) = f(x+5)$	$f(x) = x^3$ $g(x) = f(x-5)$

7



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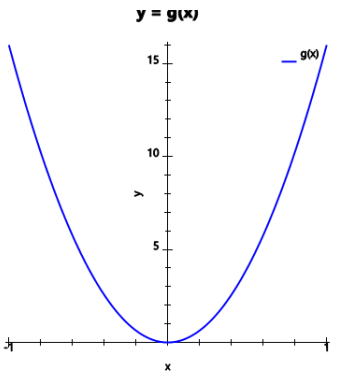
8



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