Name

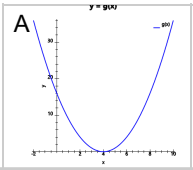
Function Transformations (Definition) - Single Transformation Definition to Graph

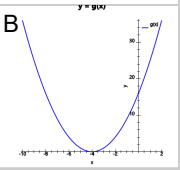
1

$f(x) = x^2$

Shift right: 4

Which graph shows this transformation of f(x) into g(x)?

A 

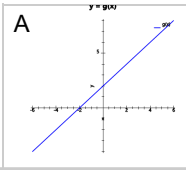
B 

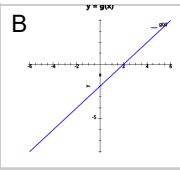
2

$f(x) = x$

Shift down: 2

Which graph shows this transformation of f(x) into g(x)?

A 

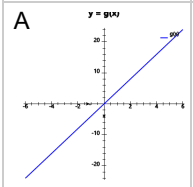
B 

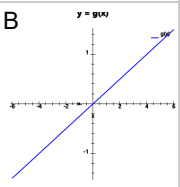
3

$f(x) = x$

Vertical compression: 0.25

Which graph shows this transformation of f(x) into g(x)?

A 

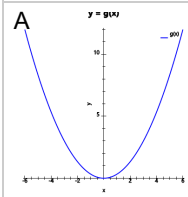
B 

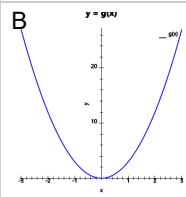
4

$f(x) = x^2$

Vertical stretch: 3

Which graph shows this transformation of f(x) into g(x)?

A 

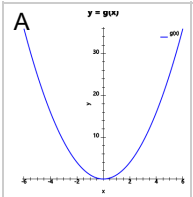
B 

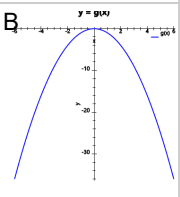
5

$f(x) = x^2$

Reflect in X-Axis

Which graph shows this transformation of f(x) into g(x)?

A 

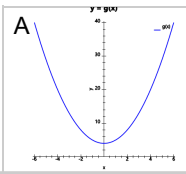
B 

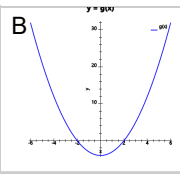
6

$f(x) = x^2$

Shift down: 4

Which graph shows this transformation of f(x) into g(x)?

A 

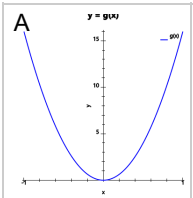
B 

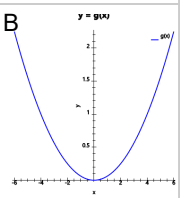
7

$f(x) = x^2$

Horizontal compression: 4)

Which graph shows this transformation of f(x) into g(x)?

A 

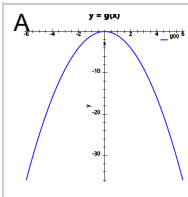
B 

8

$f(x) = x^2$

Reflect in Y-Axis

Which graph shows this transformation of f(x) into g(x)?

A 

B