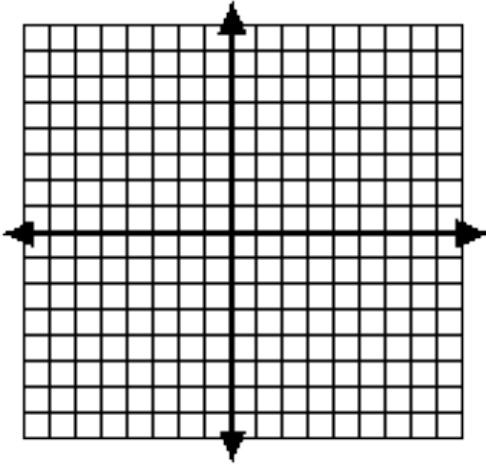
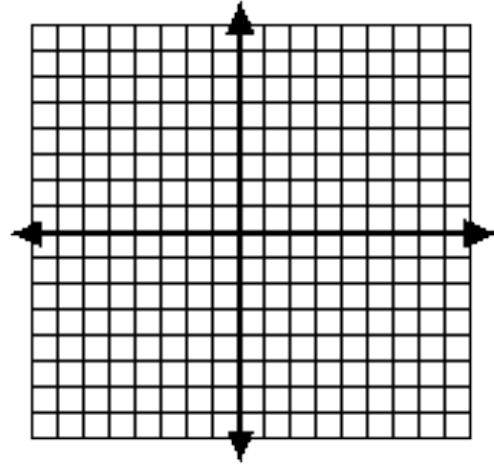


Graph function  $f(x)$  and  $g(x)$ . Then determine the transformation from  $f(x)$  to  $g(x)$ .

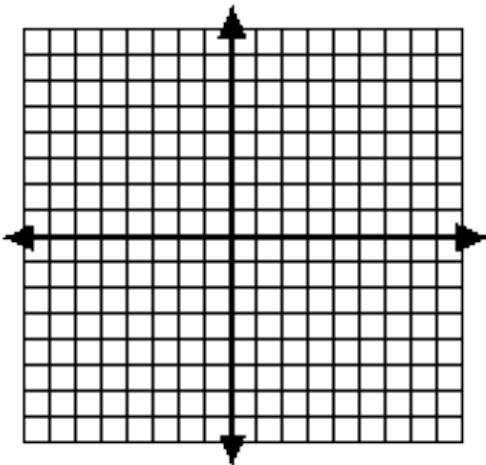
1.  $f(x) = x$   
 $g(x) = x + 1$



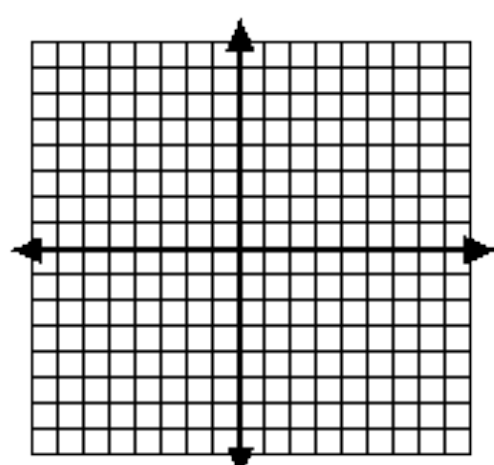
2.  $f(x) = x$   
 $g(x) = x - 1$



3.  $f(x) = x$   
 $g(x) = 2x$



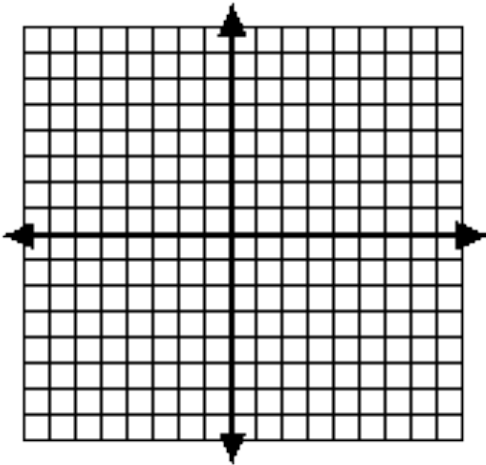
4.  $f(x) = x$   
 $g(x) = \frac{1}{2}x$



Graph the following absolute value functions by completing the table of values.

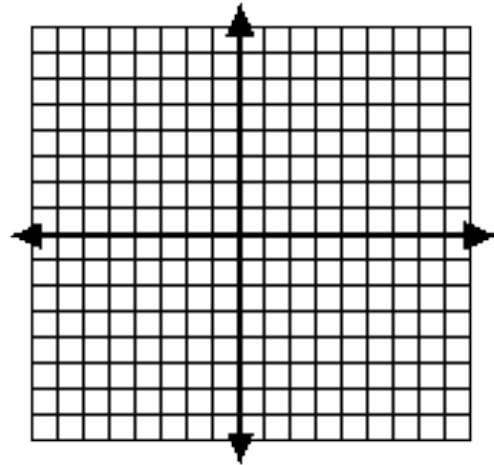
5.  $f(x) = |x + 2|$

$x$	$f(x) =  x + 2 $	$f(x)$
0		
-1		
-2		
-3		
-4		



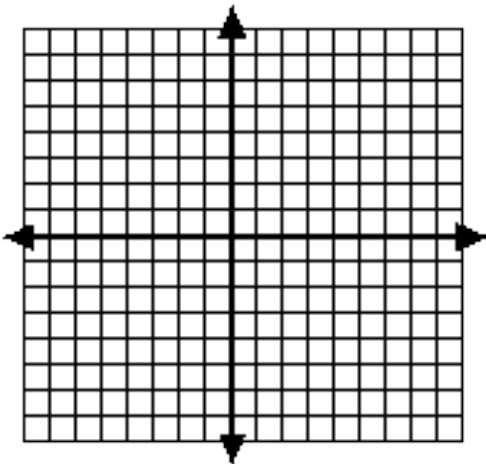
6.  $f(x) = |x - 3|$

$x$	$f(x) =  x - 3 $	$f(x)$
1		
2		
3		
4		
5		



7.  $f(x) = |x + 1| - 2$

$x$	$f(x) =  x + 1  - 2$	$f(x)$
1		
0		
-1		
-2		
-3		



8.  $f(x) = |x - 2| + 4$

$x$	$f(x) =  x - 2  + 4$	$f(x)$
0		
1		
2		
3		
4		

