

Step Functions

Evaluate the following functions.

1) $[[2.4]]$

3) $[[54.9]]$

4) $[[-6.8]]$

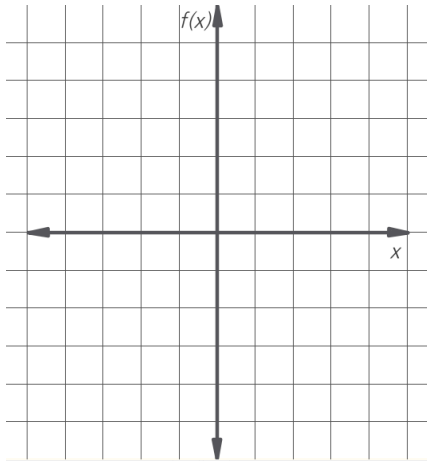
5) $2[[3.6]]$

6) $[[-15.2]] + 1$

Graph the following Step Functions.

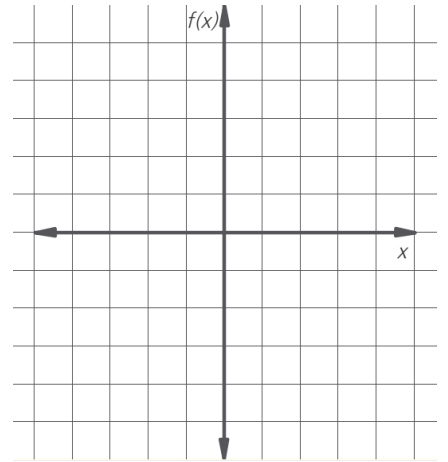
7) $y = [[x]]$

x	$[[x]]$
0	
0.1	
0.2	
0.3	
0.4	
0.5	
0.6	
0.7	
0.8	
0.9	
1	
1.1	



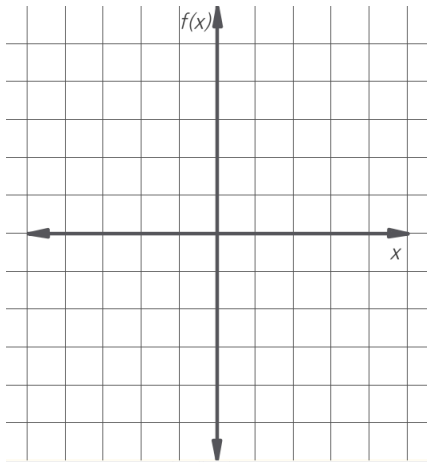
8) $f(x) = [[x + 1]]$

x	$x + 1$	$[[x+1]]$
0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1		
1.1		



9) $g(x) = [[x]] - 2$

x	$[[x]]$	$[[x]] - 2$
0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1		
1.1		



10) $y = [[2x - 1]]$

x	$2x - 1$	$[[2x - 1]]$
0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1		
1.1		

