

15 **Verbal:** Function f multiplies the input x by 2 and subtracts 1 from the result. The inverse operations in reverse order are: add 1 to the input x and then divide the result by 2.

Numerical: Table $Y_1 = (X + 1) / 2$ starting at $x = 0$ incrementing by 1. See Figure 15a.

Graphical: Graph $Y_1 = (X + 1) / 2$ in $[-10, 10, 1]$ by $[-10, 10, 1]$. See Figure 15b.

Symbolic: $f^{-1}(x) = \frac{x+1}{2}$

X	Y ₁
0	.5
1	1
2	1.5
3	2
4	2.5
5	3
6	3.5
7	4
8	4.5
9	5
10	5.5

$Y_1 = (X + 1) / 2$

Figure 15a

$[-10, 10, 1]$ by $[-10, 10, 1]$

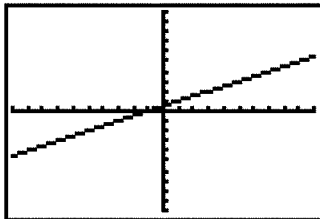


Figure 15b