## Addition of Ordinates

You can ONLY do add ordinates (y-values) if the rule is a function! Why?

## Because each value of $x$ has only one value of $y$.

$$
(f+g)(x) \text { is the same as } f(x)+g(x)
$$

Graph $f(x)=2 x$ and $g(x)=-x+1$ on the same coordinate system


