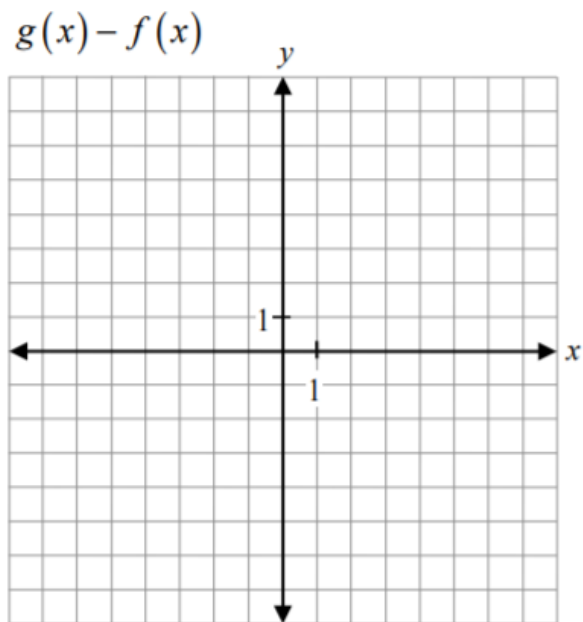
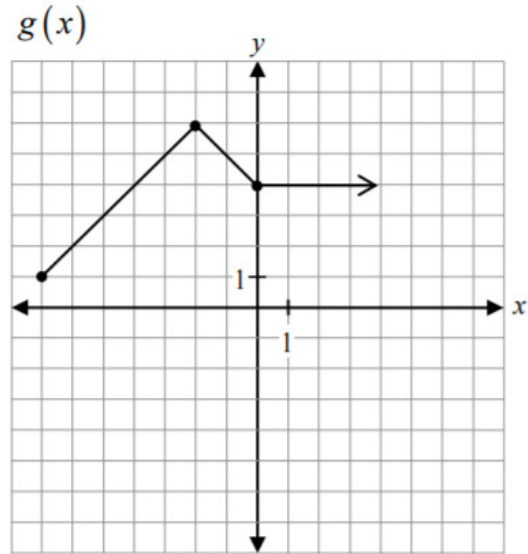
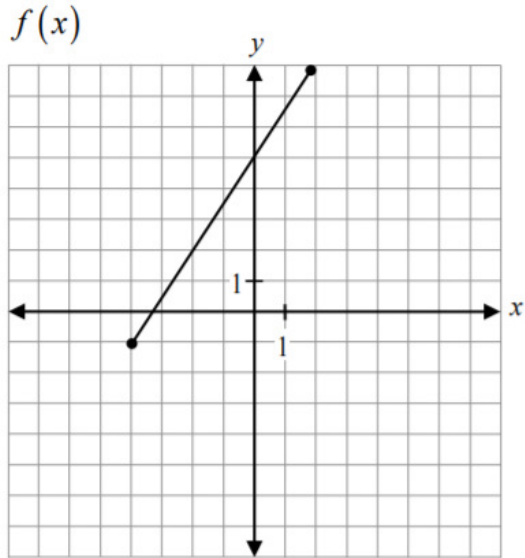
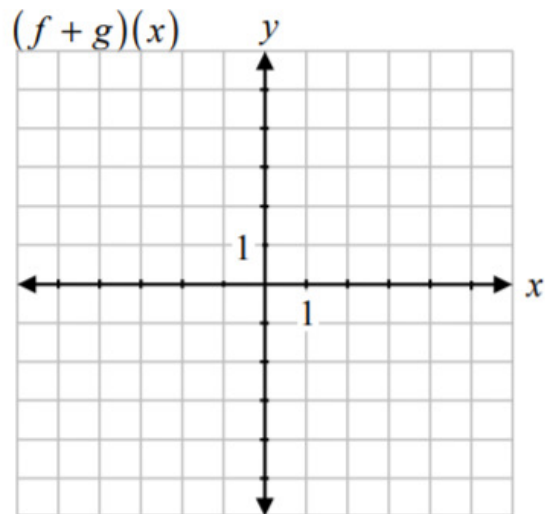
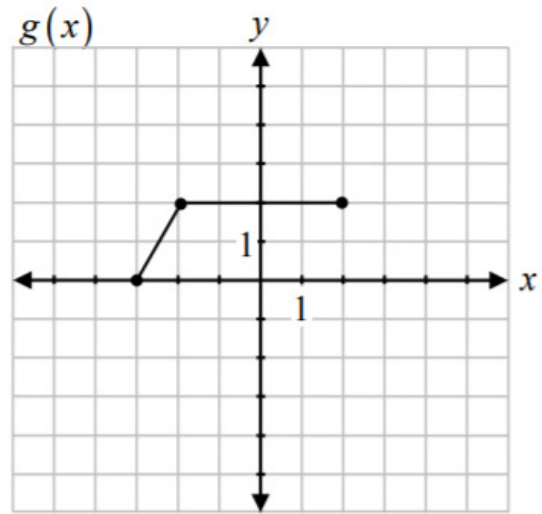
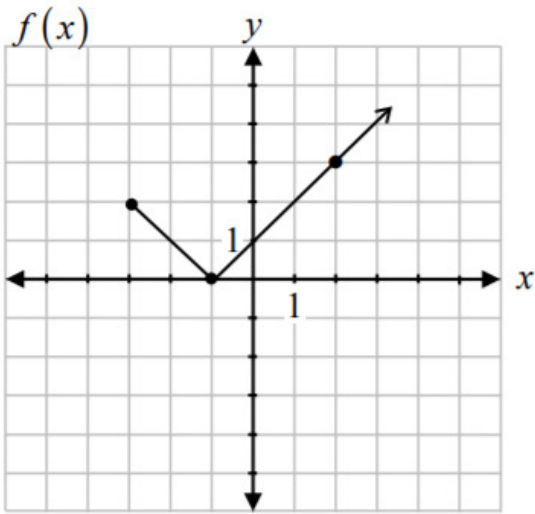


Lesson 2 Combining Functions Graphically

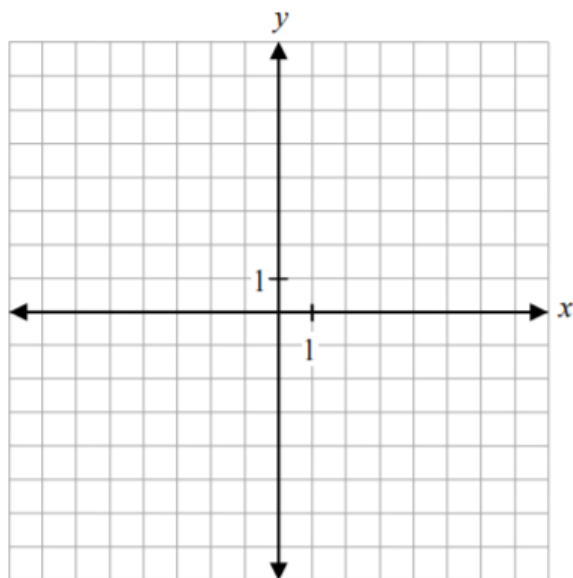
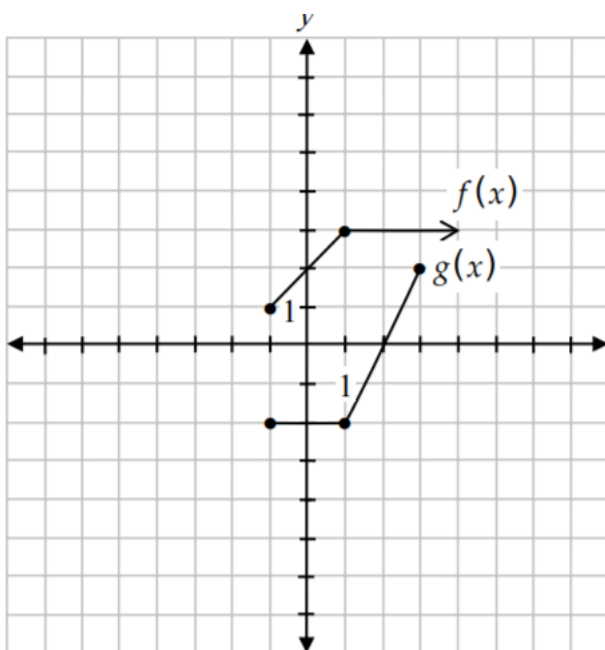
Ex. 1) Given the graphs of $f(x)$ and $g(x)$, sketch $h(x) = (g - f)(x)$



Ex.2) Given the graphs of $f(x)$ and $g(x)$, sketch $h(x) = f(x) + g(x)$.

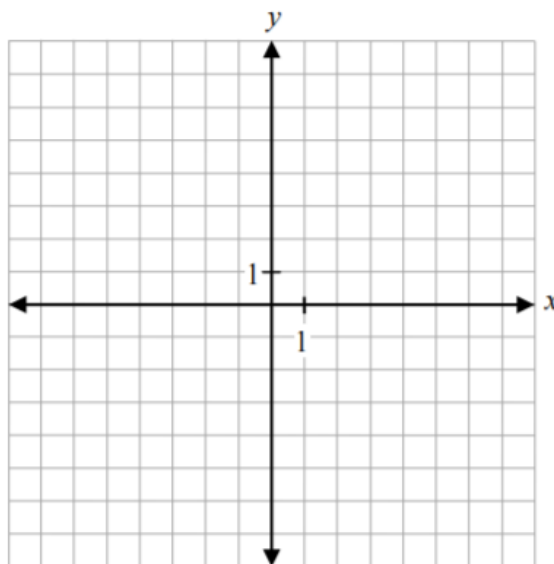
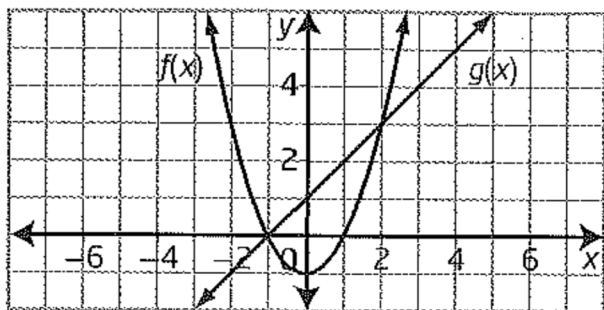


Ex. 3) Given the graphs of $f(x)$ and $g(x)$, sketch $h(x) = f(x) \cdot g(x)$.



Ex 4) Given the graphs of $f(x)$ and $g(x)$,

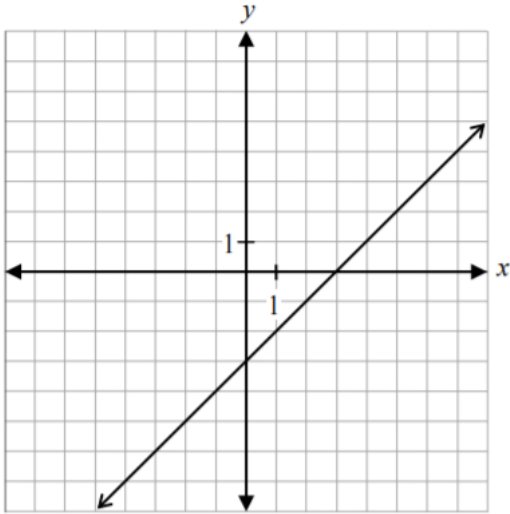
a) sketch the graph of $h(x) = \frac{f(x)}{g(x)}$.



b.) Determine $(f + g)(2)$

Ex. 5) Given the graphs of $f(x)$ and $(f \cdot g)(x)$, sketch the graph of $g(x)$.

$f(x)$



$(f \cdot g)(x)$

