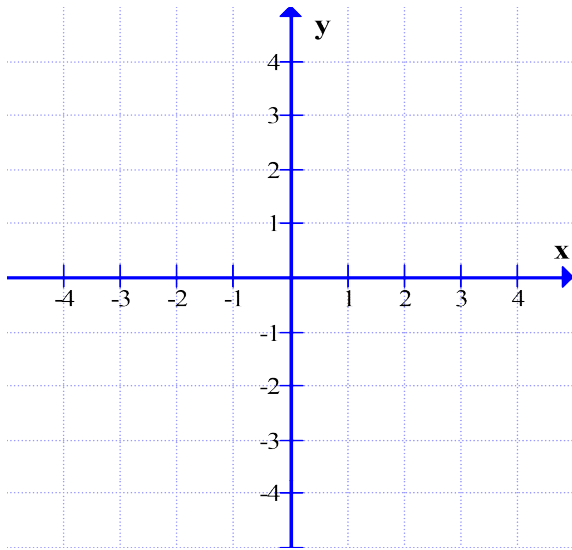
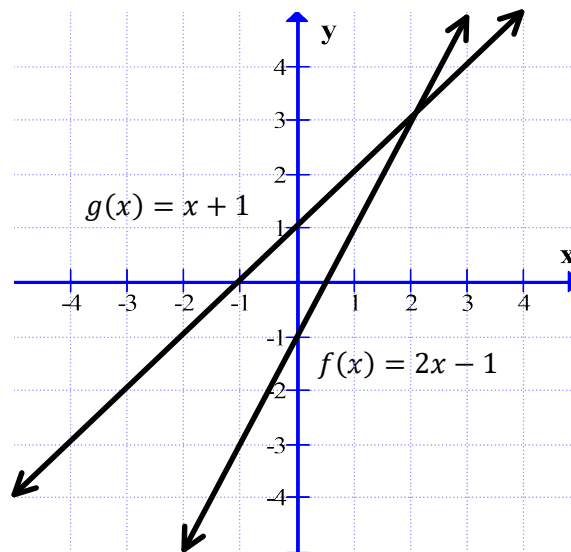
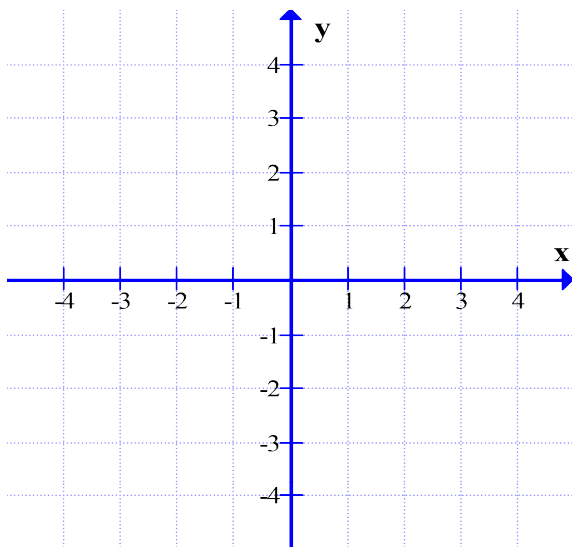


C12 - 10.2 - Composite Graphs HW



Find and Draw $f(g(x))$



Find and Draw $g(f(x))$

C12 - 10.2 - Composite Functions HW

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

$$g(x) = 3x$$

Find:

$$f(g(x)) =$$

$$g(f(x)) =$$

$$f(g(2)) =$$

$$g(f(x)) = 0$$

$$g(x) = (x - 1)$$

$$f(g(x)) = x^2 - 2x + 1$$

$$f(x) = ?$$

$$f(x) = (x - 1)$$

$$g(f(x)) = x^2 - 2x - 3$$

$$g(x) = ?$$

C12 - 10.2 - Composite FoG HMK

$@(x) \neq 0, 1, x$ or $@(x)$

Find $f(x)$ and $g(x)$ if: $h(x) = (x - 1)^2 - 4$

$$h(x) = f(x) + g(x)$$

$$h(x) = f(x) - g(x)$$

$$h(x) = f(x)g(x)$$

$$h(x) = f(g(x))$$

Find $f(x)$ and $g(x)$ if: $h(x) = x^2 - 2x - 3$

$$h(x) = f(g(x))$$

$$h(x) = 2x^2 - 6x - 8$$

Note: Complete
the square

Note: Factor