







Practice:
7) If
$$f(x) = 3x$$
 and $g(x) = x - 4$, find $g(f(-2))$
 $F(-2) = 3(-2) = -6$
 $g(-6) = (-6) - 4$
8) If $h(x) = x^2$ and $f(x) = x + 3$, find $h(r(-5))$
 $f(5) = (-5) + 3 = -2$
 $h(-2) = (-2)^2 = 4$

9) If
$$f(x) = x^2 + 3$$
 and $a(x) = 2x - 10$ find $f(a(3))$

O(3) = 2(3) - 10 - 4

 $f(-4) = (-4)^3 + 3 = 19$

10) If $f(x) = 2x - 6$ and $g(x) = x + 4$ find $f(g(x))$

