

# Arithmetic with Two Functions

Set 4-6a

Combine the following functions:

- 1) *Add  $f(x) = 4x - 2$  and  $g(x) = 3x$*
  
- 2) *Subtract  $f(x) = 2x$  from  $g(x) = 6x - 3$*
  
- 3) *Multiply  $f(x) = 5$  and  $g(x) = -2x + 4$*
  
- 4) *Given  $f(x) = 3x - 5$  and  $g(x) = 5x + 2$ , find  $f(x) - g(x)$*
  
- 5) *Given  $h(x) = 3$  and  $f(x) = -3x - 4$ , find  $h(x)$  times  $f(x)$*