

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 $f(x)$*