

Alg2 – Simple Function Operations, due Monday 9/11

For the following functions,

$$f(x) = x - 5 \quad g(x) = -3x - 4 \quad h(x) = 2x^2 - 3 \quad i(x) = x + 3$$

Find the requested combination function, and substitute *both* $x = 2$ and $x = -3$ to check your answer.

1. $(f + g)(x)$
2. $(h - g)(x)$
3. $(f \times i)(x)$
4. $(f + g + h)(x)$