



1

Find $(f - g)(x)$ if $f(x) = 7x^2 + 2$ and $g(x) = 2x^2 + 9$.

$$(f - g)(x) = \text{[input box]}$$

- A)** $5x^2 + 11$ **B)** $-5x^2 + 7$ **C)** $5x^2 - 7$ **D)** $9x^2 + 11$

2

Find $(f + g)(x)$, given that $f(x) = 4x - 9$ and $g(x) = x - 4$.

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

- A)** $3x - 5$
B) $5x - 5$
C) $5x - 9$
D) $5x - 13$

3

Find $(f + g)(x)$, given that $f(x) = 6x + 7$ and $g(x) = 5 - 8x$.

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

- A)** $-2x + 12$
B) $2x + 12$
C) $11x - 1$
D) $14x + 12$