



#11 SA: Algebra of Functions

Total points **5/5** ?

Name *

.....

Section *

✓ $f(x) = 3x^2 + 5x - 8$ and $g(x) = 5x - 7$. $(f + g)(x) =$ *

1/1

$3x^2 + 10x - 15$



$3x^2 - 10x - 15$

$3x^2 + 10x + 15$

None of these



✓ $f(x) = 5x^2 - 6x + 15$ and $g(x) = 8x + 7$. $(g - f)(x) = *$

1/1

$5x^2 + 14x - 8$

$5x^2 - 14x + 8$

$-5x^2 + 14x + 8$

$-5x^2 + 14x - 8$



✓ $f(x) = x^2 + 4x - 5$ and $g(x) = 4x - 5$. $(f \cdot g)(x) = *$

1/1

$4x^3 + 11x^2 - 40x + 25$



$4x^3 + 11x^2 - 40x - 25$

$2x^3 + 12x^2 - 25$

None of these

Other:

✓ $f(x) = x^2 - 7x + 12$ and $g(x) = x - 4$. $(f/g)(x) = *$

2/2

$x - 4$

$x + 4$

$x - 3$



$x + 3$

