Name *

Section *

✓ f(x) = 3 x^ 2 + 5 x − 8 and g(x) = 5 x − 7. (f + g)(x)= *   1/1

⦿ 3 x ^2 + 10 x − 15   ✓

◯ 3 x ^2 -10 x − 15

◯ 3 x ^2 + 10 x + 15

◯ None of these

✓ f(x) = 5 x^ 2 − 6 x + 15 and g(x) = 8 x + 7. (g − f)(x)= *   1/1

○ 5 x^ 2 + 14 x − 8

○ 5 x^ 2 -14 x + 8

○ -5 x^ 2 + 14 x +8

◉ −5 x ^2 + 14 x − 8   ✓

✓ f(x) = x ^2 + 4 x − 5 and g(x) = 4 x − 5. (f · g)(x)= *   1/1

◉ 4 x ^3 + 11 x^ 2 − 40 x + 25   ✓

○ 4 x ^3 + 11 x^ 2 − 40 x - 25

○ 2 x ^3 + 12 x ^2 − 25

○ None of these

○ Other: ....

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

○ x-4

○ x+4

◉ x-3   ✓

○ x+3