

You may have tried to simplify  $f(x)$  by first subtracting  $12 - 2$  to get  $10x$ . However, you have used an incorrect order of operations. Note that  $f(x)$  has unlike terms and cannot be simplified. Start with:

$$f(x) + g(x) = (12 - 2x - 4x^2) + (9x + 1)$$

Rearrange the terms and then combine like terms.