Given \( f(x) = 2x + 1 \) and \( g(x) = -3x - 2 \)
compute \( f(x) + g(x) \), \( f(x) - g(x) \), \( f \circ g (x) \), \( g \circ f (x) \)

Will the domain and range of the 4 functions be the same?
If yes, what will the domain and range be?
If not, which operation(s) will have a different domain and why?