

Name: _____ Date: 2/9/26

Session 4

Composite functions

1. $f(x) = 2x + 3$ $g(x) = x^2 + 5$

a) find $(g \circ f)(x)$

b) find $(f \circ g)(x)$

2. $f(x) = x^2 + 4x - 7$

$$g(x) = x - 5$$

a) find $(g \circ f)(x)$

b) find $(f \circ g)(x)$

3.

$$f(x) = \frac{1}{x+3}$$

$$g(x) = \frac{x}{x-2}$$

a) find $(f \circ g)(x)$

b) find the domain

4. IS the function "one-to-one"?

