

Name _____

Advanced Math

Date _____

Composition of functions review

For the following questions: let f be a linear function, $f(4) = 2$ and $f(5) = 7$.

let g be a linear function, $g(1) = 3$ and $g(3) = 2$.

1. Give an equation for $f(x)$.

2. Give an equation for $g(x)$.

3. Find $f(g(3))$.

4. Find $g(f(4))$.

5. Find $f(g(x))$.

6. Find $g(f(x))$.

7. Find $f(g(3))$.

8. Find $g(f(4))$.