

Written HW6 – MATH 1530 Fall 2020

Due by 6 October for timely completion credit

Find $\text{dom}(f)$, $\text{dom}(g)$, $f \circ g$, $g \circ f$, $\text{dom}(f \circ g)$, and $\text{dom}(g \circ f)$. If you use demos for any portion of this, include a picture and clearly state how you're using it to complete the problem.

1. $f(x) = \frac{1}{x}$, $g(x) = \sqrt{8x}$

2. $f(x) = \frac{1}{2x+1}$, $g(x) = \sqrt{7x+3}$