Composition of Functions
Math 2 with Support

Name _____

Find f(g(x)) and g(f(x)) for each of the following.

		f (g(x))	g (f(x))
1. $f(x)=5x-4$	$g(x)=3x$		
2. $f(x)=2x+3$	$g(x)=x^2-1$		
3. $f(x)=4x^3$	$g(x)=2x^4$		
4. $f(x)=4x$	$g(x)=x+6$		
5. $f(x)=x-2$	$g(x)=\frac{x}{4}$		
6. $f(x)=x^2$	$g(x)=3x+1$		
7. $f(x)-7x-3$	$g(x)=5x^2-8$		
8. $f(x)=x^2-1$	$g(x)=\sqrt{7x+2}$		