Name _____ Date _____

Year Group _____

Find $(f \circ g)(x)$ and $(g \circ f)(x)$ when $f(x) = 3x^2 - 2$ and $g(x) = -2x$

1. Find $(f \circ g)(-2)$

Steps => $g(-2) =$ _____

Answer => $(f \circ g)(-2) =$ _____

2. Find $(f \circ g)(-2)$

Steps => $f(-2) =$ _____

Answer => $(g \circ f)(-2) =$ _____

3. Find $(f \circ g)(0)$

Steps => $g(0) =$ _____

Answer => $(f \circ g)(0) =$ _____

4. Find $(g \circ f)(0)$

Steps => $f(0) =$ _____

Answer => $(g \circ f)(0) =$ _____

5. Find $(f \circ g)(3)$

Steps => $g(3) =$ _____

Answer => $(f \circ g)(3) =$ _____

6. Find $(g \circ f)(3)$

Steps => $f(3) =$ _____

Answer => $(f \circ g)(3) =$ _____

LIVEWORKSHEETS