1. \((f \circ g)(x) = \) __________

2. What is the domain of \(f \circ g\)?

3. Follow Example 1. Let \(f(x) = 3x - 2\) and \(g(x) = x^2\). Find \((f \circ g)(1)\) and \((g \circ f)(1)\).

4. Follow Example 2. Let \(f(x) = 3x - 2\) and \(g(x) = x^2\). Find \((f \circ g)(x)\) and \((g \circ f)(x)\).

5. **True or False:** Composition functions have absolutely no applications to calculus. Therefore, they are completely pointless to study.