

Ops & Composition

Compound

1. $f(x) = x - 1, g(x) = 3x, (f \circ g)$

2. $f(x) = x - 1, g(x) = 3x, (g \circ f)$

3. $f(x) = 4x^2 - 2x + 1, g(x) = 2x, (f \circ g)$

4. $g(x) = 3x + 2, f(x) = \frac{x-2}{3}, f(g(0))$

5. $g(x) = 3x + 2, f(x) = \frac{x-2}{3}, f(g(2))$

6. $f(x) = (x - 2), g(x) = 3x + 2, f(g(0))$

7. $f(x) = x^2 + 4, g(x) = 2x, (f \circ g)(5)$

8. $f(x) = x - 1, g(x) = 3x, (f \circ g)(2)$

9. $f(x) = 4x^2 - 2x + 1, g(x) = 2x, (g \circ f)$

10. $f(x) = \frac{1}{x^2}, g(x) = x - 1, (f \circ g)$

Answers**Ops & Composition****Compound**

1. $3x - 1$

2. $3x - 3$

3. $16x^2 - 4x + 1$

4. 0

5. 2

6. 0

7. 104

8. 5

9. $8x^2 - 4x + 2$

10. $\frac{1}{x^2 - 2x + 1}$