

Nama :

Kelas :

Nomor:

### Aktivitas 1

Menentukan Rumus Komposisi Fungsi

|                                                                                                                                    |                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| $f(x) = 3x - 6$<br>$f(3) =$<br>$f(-7) =$                                                                                           | $h(x) = 3x + 14 - 2x^2$<br>$h(-3) =$<br>$h(p) =$                                                                                                      |
| $g(x) = x^2 - 5x$<br>$g(-5) =$<br>$g(12) =$                                                                                        | $k(x) = 5x + 2$<br>$k(p) =$<br>$k(2p) =$<br>$k(x^2) =$<br>$k(x + 1) =$                                                                                |
| $f(x) = 2x + 1$ dan $g(x) = x^2$<br>$f(g(x)) = f(x^2) =$<br>$g(f(x)) = g(2x + 1) =$                                                | $f(x) = x^2 - 12x + 10$ dan $g(x) = 2x + 1$<br>$(f \circ g)(x) =$<br>$(g \circ f)(x) =$                                                               |
| $f(x) = 3 - 2x$ dan $g = \frac{x}{5}$<br>$(f \circ g)(x) =$<br>$(g \circ f)(x) =$                                                  | $f(x) = 3x + 4$ dan $g = \frac{12x}{x^2 - 4}$<br>$(g \circ f)(x) =$<br>$(f \circ g)(4) =$                                                             |
| $f(x) = 2x$ , $g(x) = 4 - 3x$ ,<br>$h(x) = x^2$<br>$(f \circ g \circ h)(x) =$<br>Type equation here.<br>$(g \circ h \circ f)(x) =$ | $f(x) = 2x^2 + 9$ , $g(x) = \sqrt{3x - 1}$ ,<br>$h(x) = 4x + 3$<br>$((f \circ g) \circ h)(x) =$<br>Type equation here.<br>$(g \circ h \circ f)(-1) =$ |