

$$\boxed{67} \quad f(x) = 4x + 1, \quad g(x) = \frac{x-1}{4}$$

$$(f \circ g)(x) = f(g(x)) = f\left(\frac{x-1}{4}\right) = 4\left(\frac{x-1}{4}\right) + 1 = (x-1) + 1 = x$$

$$(g \circ f)(x) = g(f(x)) = g(4x+1) = \frac{(4x+1)-1}{4} = \frac{4x}{4} = x$$