

In the following exercises, find ① $(f \circ g)(x)$, ② $(g \circ f)(x)$, and ③ $(f \cdot g)(x)$.

$$f(x) = 3x - 1 \text{ and } g(x) = 5x - 3$$

For functions $f(x) = 3x^3 + 1$ and $g(x) = 2x^2 - 3$, find ① $(f \circ g)(-2)$ ② $(g \circ f)(-1)$ ③ $(g \circ g)(1)$