

Use these functions to evaluate the problems below. Remember,  $f(x) \circ g(x) = f(g(x))$ .

$$f(x) = x + 3 \quad g(x) = x^2 + 1 \quad h(x) = \frac{1}{2}x - 2 \quad j(x) = 3x - 7$$

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| 1) $f(a + 2)$        | 2) $h(2a + 6)$       | 3) $h(-8)$              |
| 4) $g(b - 1)$        | 5) $g(x) \circ j(x)$ | 6) $h(g(-3i))$          |
| 7) $(f \circ g)(3m)$ | 8) $(j \circ f)(2w)$ | 9) $g(f(u)) + j(j(-u))$ |

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