

Function Notation Practice

$$g(x) = -3x + 1$$

$$f(x) = x^2 + 7$$

$$h(x) = -x - 6$$

$$j(x) = 2x + 9$$

I. Evaluate

1. $g(10) =$

5. $g(1) - f(-2) =$

2. $f(3) =$

6. $j(4) + h(8) =$

3. $h(-2) =$

7. $3 \cdot f(-1) =$

4. $j(7) =$

8. $-2 \cdot g(0) =$

II. Simplify

9. $g(x) + h(x) =$

10. $h(x) - j(x) =$

11. $g(x) - h(x) =$

12. $4 \cdot f(x) =$

13. $-3 \cdot h(x) =$

14. $2 \cdot g(x) - 4 \cdot j(x) =$