

Name : _____ Score : _____

Teacher : _____ Date : _____

Advanced Order of Operations - Algebraic

Evaluate each expression.

1) $[(-11)x + \{(-18) \div (-9)\}x] \cdot (-3)^2 - (-2)x$

2) $[\{(-4)^2 + 10\}x - (-4)x] - 9x + (-2)x$

3) $[3 - \{6x^2 \div 3x^2\}^3] \cdot (-12)x + 9x$

4) $[\{10x \div 5x\}^2 - 6] \cdot 5x + 4x$

5) $(-3)x - 9 \cdot [11x - \{2^3 + 12\}x]$

6) $[11x + \{18 \div 9\}x] \cdot 3^2 - 8x$

7) $[\{(-16)x \div (-8)x\}^2 - (-10)] \cdot (-11)x + (-4)x$

8) $2x - 8 \cdot [9x - \{(-4)^3 + 6\}x]$

9) $[5 - \{9x^2 \div 3x^2\}^3] \cdot 11x + 6x$

10) $[(-6)x^2 - \{(-10)x \div (-5)\}^2] \cdot [(-5) - (-2)]x^{-1}$

11) $[\{16x \div 8x\}^2 - 10] \cdot 8x + 4x$

12) $[\{12x \div 6x\}^2 - 7] \cdot 2x + 3x$

