Order of Operations – Day 2

Unit 1: Expressions

Simply each of the following expressions using the order of operations and showing all of your steps along the way:

1. $2 \times 5 \div -1$	2. $2 - (-6) - (6 - 1)$
3. $-6 - (-4)(-1 - 1)$	4. $(-4 + 2 \times 3) \times -5 + 3$
5. $-3 - 3 \div (3 + 3 \times -2)$	6. $(5 \times 3 \times 2) \div (-6 \times -1)$
7. $-1 - 4 + -2 \div 2 + 2 - 4$	8. $-1 - (1^3 - -3) - -4 \div (-3 - 1)$
9. $1 - 3 \div (2 * -5) - (-3 + 5 + 3)$	10. $-2 - (3 + -5(-5 - -6) - -4 - 1 - 6)$

11. $z + x + 3$ Using x = 6, and z = -3	12. $5 + n - 4 + m$ Using m = -6, and n = -6
13. $5(z + y - x)$ Using x = -5, y = 5, and z = -6	14. $a + a + a + c - c$ Using a = -4, and c = -4
15. $p - 20 \times m \div 5$ Using m = -5, and p = 3	16. $(y - x^2) \div 4 + x - x$ Using x = -1, and y = -3
17. $-4 - (p \div 3 + m - q^2)$ Using m = 5, p = 3, and q = -6	18. $c(c - a) - ((-2)^2 + a - c)$ Using a = -1, and c = 2
19. $k + j(k - (k + (j - j) \div 6))$ Using j = 4, and k = 5	20. $p - q - (5 - (6r + (p - r)^2))$ Using p = 4, q = -5, and r = -5