

NTI Day 1: Expressions and Order of Operations Date _____ Period _____

Evaluate each using the values given. You must show work. Please circle your answer.

1) $b(3 - c)$; use $b = 6$, and $c = 1$

2) $c - (b - b)$; use $b = 5$, and $c = 3$

3) $1 - (q - m)$; use $m = 2$, and $q = 2$

4) $(q + p)^2$; use $p = 6$, and $q = 1$

5) $4 + p + r$; use $p = 5$, and $r = 4$

6) $x - (x - y)$; use $x = 1$, and $y = 1$

7) $3(5 - (y - z))$; use $y = 4$, and $z = 1$

8) $y - (z - (z - z))$; use $y = 3$, and $z = 1$

9) $z(z - y \div 3) - x$; use $x = 4$, $y = 3$, and $z = 5$

10) $h + k + k + h + h$; use $h = 2$, and $k = 2$

11) $z - 5x \times (z - x) \div 6$; use $x = 5$, and $z = 5$

12) $x + x + x - x + y^2$; use $x = 1$, and $y = 3$

13) $3(5 + q + m(q - q))$; use $m = 4$, and $q = 4$

14) $z - (3 - (3 - (x \div 5)^2))$; use $x = 5$, and $z = 2$

15) $x + x^2 \div 3 + y + y$; use $x = 3$, and $y = 2$

16) $((a - 1)^2 + a)(b + a)$; use $a = 2$, and $b = 2$

17) $y \div 6 + 3x(5 - z)$; use $x = 3$, $y = 6$, and $z = 5$

18) $y + 1 + 6y + x - 1$; use $x = 4$, and $y = 6$

19) $c(2bc - (a^2 - 5))$; use $a = 6$, $b = 6$, and $c = 3$

20) $5(y + 1) + x^3 - y + 1$; use $x = 2$, and $y = 1$