Nanc Date
Evaluating Algebraic Expressions (Part II) Honework
$0 \times^2 + 1 - X, X = -3$
$(3-y^3+2y-8, y=-3)$
$31 - \frac{2-z}{3}$, $z = 14$
$\textcircled{4} \ 3x - 10 - 4x^3, x = -2$
(3) $5(2y+4)^2-y$, $y=-1$
$(07-(9z+1)^{2}, z=1$
89 = 5y + 2, y = 3
$(9)-(-3+x^2y)^3+xy, x=2, y=-1$
(1) Find P below if m=10 and V=13.
P=MV
B Find A below if W=8, L=1, and H=3.
A = 2LH + 2LW + 2HW $A = 70$
(B) Find V below if $T = 3.14$ and $r = 2$. You may use a calculator and round to the Newtest hundredth. $V \approx 33.49$
$V = \frac{4\pi r^3}{3}$

A Find P below if n=3, R=6, T=1, and V=6. P= nRT (B) Find a below if V=2, Vo=-1, and t=3. $d = \left(\frac{V + V_0}{2}\right) t$ 10 Find y below if m=4, x=-3, and b=7. Y=MX+b 1 Finh y below if X=5 and M=-2. y = m(x-6)+4(18) Find y if a=-2, b=3, C=0, and x=2. $y = ax^2 + bx + c$ 1 Find y if h=-3, x=-1, k=1, and A=3. $y = A(x-h)^2 + k$ Check the following solutions. If a solution works, write "yes." If it does not work, write "no." As with all other problems in your homework, show all work. 20 2x-3x-9=4x+1, x=-1

2D $1-2+y=\frac{y}{3}+7, y=3$

23) -3Z-8Z+5=9-7Z, Z=-1

P=3

d= 3/2

y=-5

y=6

16=16, Yes

$$(23) - 7x + 2x + 5 - 3x = 4x + 2x, x = 0$$

5 = 0, NO

$$(24)$$
 $4 + 8y - 12y = 12, y = -2$

$$29 - \frac{2}{9} + 4 = -6, z = 8$$

 $(25) - \frac{2}{9} + 4 = -6, z = 81$ $(26) 7x + 1 = 3 - \frac{2x}{5}, x = 2$ (27) - y + 4 = 5y + y - 3, y = 1

$$(3) - y + 4 = 5y + y - 3, y = 1$$