Name: _____ Date: _____

Fresh Math

Unit 1 - Variables

1. List all variables in: $6zw + 7x^2 - 8y$
2. In $r \cdot w$, if r is angle of rotation in radians and w is wavelength in nanometers, explain the product
3. Given $F = m \cdot a$, identify all three variables and their meanings
4. Evaluate $5x + 4y - 4z$ when $x=3$, $y=6$, $z=6$
5. In $r \cdot V$, if r is angle of rotation in radians and V is volume of a cylinder, explain the product
6. Evaluate $5x + 4y - 5z$ when $x=10$, $y=7$, $z=7$
7. List all variables in: $6zx + 2w^2 - 5y$
8. List all variables in: $7wx + 3y^2 - 5z$

Unit 1 – Variables – Answer Key

1. List all variables in: $6zw + 7x^2 - 8y$
   w, x, y, z

2. In $r \cdot w$, if r is angle of rotation in radians and w is wavelength in nanometers, explain the product
   product of angle of rotation in radians and wa

3. Given $F = m \cdot a$, identify all three variables and their meanings
   F: force in Newtons, m: mass in kg, a: accele

4. Evaluate $5x + 4y - 4z$ when $x=3$, $y=6$, $z=6$
   x=15

5. In $r \cdot V$, if r is angle of rotation in radians and V is volume of a cylinder, explain the product
   product of angle of rotation in radians and volume of cylinder

6. Evaluate $5x + 4y - 5z$ when $x=10$, $y=7$, $z=7$
   rati

7. List all variables in: $6zx + 2w^2 - 5y$
   w, x, y, z

8. List all variables in: $7wx + 3y^2 - 5z$
   w, x, y, z