

Name \_\_\_\_\_

Period \_\_\_\_\_

# EVALUATING

Evaluate the problems below by substituting a value wherever you find a variable. Drop the value for the variable into the parentheses. The parentheses replace the variable.

For all ten problems below:  $x = 2$ ,  $y = -3$ ,  $z = -1$

1)  $3xy =$

$3( \quad )( \quad ) =$

2)  $4x^2y =$

$4( \quad )^2( \quad ) =$

$4( \quad )( \quad )( \quad ) =$

3)  $5yz^2 =$

$5( \quad )( \quad )^2 =$

$5( \quad )( \quad )( \quad ) =$

4)  $-1(xy - z) =$

$-1[( \quad )( \quad ) - ( \quad )] =$

5)  $3x + 2y =$

$3( \quad ) + 2( \quad ) =$

6)  $x(y + z) =$

$( \quad )[( \quad ) + ( \quad )] =$

$$7) \frac{1}{2}x + y^2z^2 =$$

$$\frac{1}{2}(\quad) + (\quad)^-(\quad)^- =$$

$$\frac{1}{2}(\quad) + (\quad)(\quad)(\quad)(\quad) =$$

$$8) 5x^3 - y^3 - z^3 =$$

$$5(\quad)^- - (\quad)^- - (\quad)^- =$$

$$5(\quad)(\quad)(\quad) - (\quad)(\quad)(\quad) - (\quad)(\quad)(\quad) =$$

$$9) \frac{x^2y}{z^3} = \frac{(\quad)^-(\quad)}{(\quad)^-} = \frac{(\quad)(\quad)(\quad)}{(\quad)(\quad)(\quad)} =$$

$$10) \frac{xy^2z^3}{x^3y^2z} = \frac{(\quad)(\quad)^-(\quad)^-}{(\quad)^-(\quad)^-(\quad)} = \frac{(\quad)(\quad)(\quad)(\quad)(\quad)}{(\quad)(\quad)(\quad)(\quad)(\quad)} =$$