

Name \_\_\_\_\_

## Pre-Algebra Accelerated - Properties of Real Numbers

Put the letter for each expression in the correct circle on the next page.

A.  $2 + 3x = 3x + 2$

B.  $5y \cdot (1/5y) = 1$

C.  $3(y + 1) = 3y + 3$

D.  $y + 8 = 8 + y$

E.  $(7x) \cdot (1) = 7x$

F.  $3 + (x + y) = 3 + (y + x)$

G.  $y + (z + 2) = y + (2 + z)$

H.  $(x + 2y) + (-x + -2y) = 0$

I.  $(ab) c = a (bc)$

J.  $xy \cdot (1/xy) = 1$

K.  $(x + 2)(3 + x) = (x + 2) \cdot (3) + (x+2) \cdot (x)$

L.  $(x) \cdot (1) = x$

M.  $(y + 5) + (-y + -5) = 0$

N.  $(2x) y = 2 (xy)$

O.  $6a \cdot (1/6a) = 1$

P.  $2x + 0 = 2x$

Q.  $2x + (-2x) = 0$

R.  $x(2 + y) = 2x + xy$

S.  $x \cdot y = y \cdot x$

T.  $(4 + z) + (-4 + -z) = 0$

# Pre Algebra Accelerated

Place the letter of each example into the correct property circle.

Name \_\_\_\_\_

Distributive Property

Associative Property

Multiplicative Inverse

Identity

Commutative Property

Additive Inverse

Property of Zero