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

Name _____

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

Distributive Property

Associative Property

Multiplicative Inverse

Identity

Commutative Property

Additive Inverse

Property of Zero