


NAME: _____

PROPERTIES OF REAL NUMBERS

Direction: Match each example below with its corresponding property of real numbers. Cut and paste each example to the correct box.

Properties of real Numbers	Examples	Properties of real Number	Examples
1) Closure Property of Addition	$3 + 2 = 5, 5 \text{ is a real no.}$	7) Identity Property of Addition	$167 + 0 = 167$
2) Closure Property of Multiplication	$200 \times 20 = 20 \times 200$	8) Identity Property of Multiplication	$78 \times 1 = 78$
3) Commutative Property of Addition	$99 + 27 = 27 + 99$	9) Inverse Property of Addition	$25 + (-25) = 0$
4) Commutative Property of Multiplication	$1 \times 2 = 2, 2 \text{ is a real no.}$	10) Inverse Property of Multiplication	$11 \times \frac{1}{11} = 1$
5) Associative Property of Addition	$8 + (3 + 3) = (8 + 3) + 3$	11) Zero Property of Multiplication	$476 \times 0 = 0$
6) Associative Property of Multiplication	$6 \times (4 \times 5) = (6 \times 4) \times 5$	12) Distributive Property of Multiplication over Addition	$2(3 + 6) = 2(3) + 2(6)$

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$476 \times 0 = 0$	$2(3 + 6) = 2(3) + 2(6)$	$11 \times \frac{1}{11} = 1$	$78 \times 1 = 78$	$200 \times 20 = 20 \times 200$	$1 \times 2 = 2, 2 \text{ is a real no.}$
$167 + 0 = 167$	$99 + 27 = 27 + 99$	$6 \times (4 \times 5) = (6 \times 4) \times 5$	$3 + 2 = 5, 5 \text{ is a real no.}$	$8 + (3 + 3) = (8 + 3) + 3$	$25 + (-25) = 0$



How Did You Do? 