

NAME: _____

PROPERTIES OF REAL NUMBERS

Determine which properties of real numbers apply in each statement. The properties of real numbers are:

- Closure property of Addition or Multiplication
- Commutative Property of Addition or Multiplication
- Associative property of Addition or Multiplication
- Identity property of Addition or Multiplication
- Distributive Property
- Zero Property

statement	property
$43 + 25 = 25 + 43$	commutative property of addition
$(8 \cdot 5) \cdot 10 = 8 \cdot (5 \cdot 10)$	associative property of multiplication
$3 + 5 + 8 = 3 + 8 + 5$	commutative property of addition
$5 + (6 + 2) = (5 + 6) + 2$	associative property of addition
$12 \cdot 5 = 5 \cdot 12$	commutative property of multiplication
$4(5 + 3) = 4 \cdot 5 + 4 \cdot 3$	distributive property
$3 \cdot 5 - 3 \cdot 2 = 3(5 - 2)$	distributive property
$7 + (5 + 3) = 7 + (3 + 5)$	commutative property of addition
$-47 + 47 = 47 + (-47) = 0$	additive inverse property
$7 + (-7) = 0$	additive inverse property

How Did You Do? 😊 😐 ☹️