Exercise 2

Complete each statement and name the property of real numbers you have used.

(a) $ab = $ _____ ; _____ Property

(b) $a + (b + c) = $ _____ ; _____ Property

(c) $a(b + c) = $ _____ ; _____ Property

Solution

$ab = ba$ commutative property of multiplication

$a + (b + c) = (a + b) + c$ associative property of addition

$a(b + c) = ab + ac$ distributive property

$a(b + c) = (b + c)a$ commutative property of multiplication