

Exercise 142

Why is $-4^3 = (-4)^3$?

Solution

$-4^3 = (-4)^3$ are equal because they evaluate to the same number.

$$-4^3 = -4(4)(4) = -4(16) = -64$$

$$(-4)^3 = (-4)(-4)(-4) = (-4)(16) = -64$$