

Find the value of the missing letter using your knowledge of real number properties

1. $2(8 + 3) = 2(a)$ $a =$ _____

2. $2(8 - 3) = 2(b)$ $b =$ _____

3. $6(c + 4) = 6(10)$ $c =$ _____

4. $6(d - 4) = 6(10)$ $d =$ _____

Determine if the following mathematical statements are "True" or "False"

1) $3(4 + 5) = 3(9)$ _____

2) $3(9 - 4) = 3(6)$ _____

3) $6(8 + 8) = 6(8) + 6(8)$ _____

4) $4(12 + 20) = 4(12) + 4(2)$ _____