

Fill in the missing number or operation AND write A, B, C, or E after each equation to show the property it matches.

Properties of Real Numbers

A

Additive identity property
the sum of any real number and zero is equal to the given real number
 $5 + 0 = 5$, $13 + 0 = 13$

B

Multiplicative identity property
the product of any real number and one is equal to the given real number
 $8 \cdot 1 = 8$, $15 \cdot 1 = 15$

C

Multiplicative inverse property
the product of a number and its multiplicative inverse (or reciprocal) always equals one
 $4 \cdot \frac{1}{4} = 1$, $10 \cdot \frac{1}{10} = 1$

D

Multiplicative property of zero
the product of any real number and zero is zero.
 $5 \cdot 0 = 0$, $99 \cdot 0 = 0$

$21x1=21$

$11+_=11$

$21x0=0$

$67_1=67$

$21+0=21$

$34x_=0$

$2/3x3/2=1$

$44_0=44$

$17_0=0$

$1/4x_=1$

$10x_=10$

$_x15=0$

$_x15=15$

$_+15=15$

$_x4/5=1$

$29x_=29$

$29x_=0$

$29+_=29$