

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.

$5 \cdot 0 = 0$ ,  $99 \cdot 0 = 0$

$21x1=21$

$11+_=11$

$21x0=0$

$67\_1=67$

$21+0=21$

$34x_=0$

$2/3x3/2=1$

$44\_0=44$

$17\_0=0$

$1/4x_=1$

$10x_=10$

$\_x15=0$

$\_x15=15$

$\_+15=15$

$\_x4/5=1$

$29x_=29$

$29x_=0$

$29+_=29$