MODULE 1 : LESSON 1

PROPRTIES OF REAL NUMBERS

1) Match the statements with the property

Identify the property of equality used to justify each statement.

If 4 + 17 = 21, then 21 = 4 + 17	Reflexive Property
x + 3 = x + 3	Transitive Property
If 6 + 2 = 4 + 4 and 4 + 4 = 8, then 6 + 2 = 8.	Symmetric Property

2) Fill in the blanks. Use the given property of equality to complete each statement.

5. If $23 + 14 = 37$, then $37 = 23 +$ ___?___;
Symmetric Property of Equality

. If $43 + 9 = 10 + 42$ and $10 + 42 = 52$, then $43 + 9 =$ ___?___;
Transitive Property of Equality

$2m - 1 =$ ___?___; Reflexive Property of Equality

If $a + 5 = b + 3$ and $a + 5 = 12$, then $b + 3 =$ ___?___;
Transitive Property of Equality

3) Match the statements with the property

$6 + (-6) = 0$	Multiplicative Inverse
$14 + 0 = 14$	Multiplicative Identity Property
$1 \cdot 6 = 6$	Additive Identity Property
$7 \cdot 0 = 0$	Additive Inverse Property
$\frac{3}{4} \cdot \frac{4}{3} = 1$	Multiplicative Property of Zero

LIVEWORKSHEETS