TERMS AND SYMBOLS
EQUATIONS

Name_____

Partner Name _____

The following terms and symbols have been introduced in this unit.
Write the correct **term or symbol on the line to the left** of the matching definition.
Give a written **example on the line to the right** of the matching definition.

conditional equation	**multiplication property of equality**	**solution to an equation**
addition property of equality	**equation**	**contradiction**
division property of equality	**subtraction property of equality**	**identity**

Term or Symbol	Definition	Example
_____	**statement that two expressions are equal**	_____
_____	**value of variable that makes equation a true statement**	_____
_____	**If a = b, a + b = a + c**	_____
_____	**If a = b, a - b = a - c**	_____
_____	**If a = b, ac = bc**	_____
_____	**If a = b, a/c = b/c c ≠ 0**	_____
_____	**equation which is true for some values of its variables**	_____
_____	**equation which is true for all values of its variables**	_____
_____	**equation which is never true**	_____

Circle each property which describes the equation.

A + B = 9	one variable	more than one solution
2A + 4 = 9	one variable	more than one solution
$A^2 = 9$	one variable	more than one solution

Write in equation form using the variable x:

The square of a number is 6 more than the number. _____

Nineteen is the sum of three and twice a number. _____

Three less than a number equals 14. _____