VOCABULARY

additive identity	the number 0 (for the real numbers)
distributive property	a(b + c) = ab + ac or a(b - c) = ab - ac
equation	a mathematical sentence whose verb is 'equal' (=)
identity	an equation that is true for all values of the variable
interest	a payment for the use of money borrowed or invested
like terms	terms that have the same variable(s), with each variable raised to the same exponent
literal equation	an equation containing more than one variable
multiplicative identity	the number 1 (for the real numbers)
multiplicative inverse	the reciprocal of a number; if x is a number other than zero, then 1/x is the multiplicative inverse; the product of a number and its multiplicative inverse is 1
open sentence	an equation that contains a variable or variables
principal	the amount of money invested or borrowed at a certain rate of interest
solution	a value or values of the variable that make an algebraic sentence true
symmetric property	when the sides of an equation are interchanged, an equivalent equation is formed; if a = b, then b = a
variable	a letter or symbol used to represent an unknown