

Name _____ Date _____

Solving For An Unknown Variable

Directions: Using a ruler, draw a line connecting each equation with its correct x-value.

Each resulting line will intersect a number and a letter. Write each letter with its corresponding number to answer the question below.

$9x = 558$		$x = 486$
$x + 242 = 367$		$x = 472$
$x - 189 = 165$		$x = 81$
$\frac{x}{9} = 54$		$x = 321$
$\frac{448}{x} = 14$		$x = 125$
$x + 387 = 628$		$x = 32$
$7x = 567$		$x = 225$
$x - 235 = 237$		$x = 354$
$14x = 476$		$x = 319$
$219 + x = 540$		$x = 34$
$250 - x = 25$		$x = 62$
$\frac{x}{11} = 29$		$x = 241$

(5)	(E)	(R)	(6)
(8)		(A)	
	(7)		
(9)		(Y)	
(D)		(S)	
	(1)		
(L)	(10)		
	(4)	(11)	
(3)	(N)		
(B)		(H)	(12)
	(2)		
	(G)		

If you had 8 apples in one hand and 5 apples in the other, what would you have?

7 1 9 3 3 8

2 5 12 4 9 11 6 10