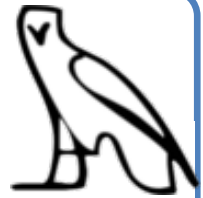


# Substituting into Expressions Worksheet 2



## Section A

Expression	The value of a	Do first	Do second	Answer
$8a - 9$	$a = 2$			
$4 + 2a$	$a = 6$			
$\frac{a}{5} + 20$	$a = 10$			
$11 - \frac{a}{3}$	$a = 12$			
$\frac{8a}{10}$	$a = 5$			

## Section B

	The value of b	Do first	Do second	Do third	Answer
$\frac{14b+13}{9}$	$b = 1$				
$\frac{52-2b}{7}$	$b = 12$				
$10b - b^2$	$b = 2$				
	The value of a and b	Do first	Do second	Do third	Answer
$7a + ab$	$a = 2$ $b = 3$				
$9b - 6a$	$a = 5$ $b = 8$				
$a^2 + b^2$	$a = 11$ $b = 4$				
$1 + \frac{5a}{b}$	$a = 12$ $b = 6$				
$\frac{84-6a}{b}$	$a = 10$ $b = 3$				
$(a+b)^2 + 3$	$a = 2$ $b = 5$				

## Section C

	The value of x and y	Answer
$\frac{33-3x}{2y}$	$x = 7$ $y = 3$	
$xy - y^2$	$x = 10$ $y = 6$	
$(xy - 3y)^2$	$x = 4$ $y = 8$	

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