SUVA SANGAM COLLEGE

YEAR 9

MATHEMATICS

WORKSHEET 2

Strand 2:	ALGEBRA Simplifying Algebraic Expressions		
Sub-strand:			
Content learning outcome	 Recognize different types of algebraic expressions using examples. Simplify algebraic expressions using the concept of like and unlike terms. Simplify different algebraic expressions by expanding terms and collecting or cancelling like terms 		

Questions

Concept in brief: Identify algebraic expressions. Differentiate between like terms and unlike				
Match the terms in <u>LIST A</u> with the examples given in <u>LIST B.</u>				
	LIST A		LIST B	
i)	Monomial	a.	$c^2 + 2c^2$	
ii)	Binomial	b.	3 <i>y</i> , 4 <i>y</i>	
iii)	Trinomial	с.	7 <i>xy</i>	
iv)	Like Term	d.	$3w, 3w^2$	
v)	Unlike Term	e.	x + 3y + 2w	
А.	Зу	В.	$3y^2$	
C.	6y	D.	y^2	
$3b + 4b^2$ when simplified is equal to				
А.	$3b + 4b^2$	B. $7b^3$		
C.	7 <i>b</i>	D. $7b^{2}$		
	terms. Simple Match the terms. i) ii) iii) iv) v) $2y \times y$ is equence A. C. $3b + 4b^2$ when	terms. Simplify algebraic expressions.Match the terms in LIST A with the exampleLIST Ai)Monomialii)Binomialiii)Trinomialiv)Like Termv)Unlike Term2y × y is equal to A.3yC. $6y$ $3b + 4b^2$ when simplified is equal to A. $3b + 4b^2$ $3b + 4b^2$	terms. Simplify algebraic expressions.Match the terms in LIST A with the examples given in Li IST A with the examples given in Li 	