SUVA SANGAM COLLEGE

YEAR 9

MATHEMATICS

WORKSHEET 2

Strand 2:	ALGEBRA
Sub-strand:	Simplifying Algebraic Expressions
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

No	**Concept in brief:** Identify algebraic expressions. Differentiate between like terms and unlike terms. Simplify algebraic expressions.
1.	Match the terms in **LIST A** with the examples given in **LIST B**. **LIST A** **LIST B** i) Monomial a. $c^2 + 2c^2$ ii) Binomial b. $3y, 4y$ iii) Trinomial c. $7xy$ iv) Like Term d. $3w, 3w^2$ v) Unlike Term e. $x + 3y + 2w$

2.	$2y \times y$ is equal to
	
	    A. $3y$ B. $3y^2$
	
	    C. $6y$ D. y^2

3.	$3b + 4b^2$ when simplified is equal to
	
	    A. $3b + 4b^2$ B. $7b^3$
	
	    C. $7b$ D. $7b^2$