

**CSEC MATH WORKSHEET**  
**ALGEBRA LESSON 1:**  
**SIMPLIFICATION OF ALGEBRAIC EXPRESSIONS**

Simplify **EACH** expression:

(1)  $5x + 9x - 12x$

(2)  $15ab - 3b - 5ab + 4b$

(3)  $a^2 + b^2 + 4b^2 + 3a^2$

(4)  $5p^2q - 2pq^2 + p^2q + pq^2$

(5)  $4(3a + 2b)$

(6)  $3a + 2(a + 2b)$

(7)  $3m - 2(m + 2)$

(8)  $3 - 2(2a - b)$

(9)  $8a(a + b) - 2(a - b)$

(10)  $2p^2(p - q) - p(p^2 + pq)$