

STRAND 2: ALGEBRA

Sub-strands: 2.1 Algebraic Expressions



SECTION A — MULTIPLE CHOICE (20 marks)

Choose the correct answer and shade the correct option.

1. Write an algebraic expression for "the sum of a number x and 7".
   A. x − 7
   B. x + 7
   C. 7 − x
   D. 7x
2. Which expression models "3 times the difference between x and 2"?
   A. 3(x − 2)
   B. (3x) − 2
   C. 3x − 2
   D. 3x + 2
3. Simplify: (x + 3) + (2x − 5).
   A. 3x − 2
   B. x − 2
   C. 2x + 8
   D. x + 8
4. Simplify: 5a − 2a + 7.
   A. 3a + 7
   B. 7a − 2
   C. 3a − 7
   D. 10a + 7
5. Form algebraic expression for: "twice a number n divided by 4".
   A. 2n ÷ 4 or (2n)/4
   B. 2(n ÷ 4)
   C. (2/n) × 4
   D. n/8
6. Which expression equals 4(x + 2) when expanded?
   A. 4x + 8
   B. 4x + 2
   C. 4x × 2
   D. x + 8
7. For a rectangle with length (x + 4) cm and width (2x − 1) cm, the perimeter P is:
   A. 2(x + 4) + (2x − 1)
   B. 2[(x + 4) + (2x − 1)]
   C. (x + 4) + (2x − 1)
   D. (x + 4)(2x − 1)

WORKING SPACE



