GRADE 8 · ALGEBRAIC EXPRESSIONS

Algebraic Language: Terms, Coefficients & Like Terms

MEMORANDUM

Name: ..... Class: .....

Date: .....

MARK ____ / 11

Answer all questions. Show all your working — marks are awarded for method as well as the final answer. **Teacher copy: accept any correct equivalent method.**

1 How many terms are in $5x^2 - 3x + 8$? (1)

Three: $5x^2$, $-3x$ and 8 ✓ (1)

2 What is the coefficient of x in $9x - 4$? (1)

9 ✓ (1)

3 Name the constant in $2y + 7$. (1)

7 ✓ (1)

4 Simplify: $6a + 2a$ (1)

$8a$ ✓ (1)

5 Simplify: $9m - 4m + 2m$ (1)

$7m$ ✓ (1)

6 Simplify: $5x + 3y + 2x - y$ (2)

$7x + 2y$ ✓✓ (2)

7 Simplify: $4p^2 + 3p - 2p^2 + p$ (2)

$2p^2 + 4p$ ✓✓ (2)

8 Simplify: $8 + 3k - 5 + k$ (2)

$4k + 3$ ✓✓ (2)

TOTAL: 11 marks

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