GRADE 9 · ALGEBRAIC EXPRESSIONS

Multiplying Binomials: $(x+2)(x+3)$ and Beyond

WORKSHEET

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

Date: .....

MARK ____ / 17

Answer all questions. Show all your working — marks are awarded for method as well as the final answer.

1 Expand: $(x+1)(x+4)$ **(2)**

2 Expand: $(x+3)(x+6)$ **(2)**

3 Expand: $(x-2)(x+7)$ **(2)**

4 Expand: $(x-3)(x-5)$ **(2)**

5 Expand: $(2x+1)(x+4)$ **(2)**

6 Expand: $(x + 4)^2$ **(2)**

7 Expand: $(x - 6)^2$ **(2)**

8 Expand: $(x + 9)(x - 9)$ **(1)**

9 Expand: $(3x + 2)(3x - 2)$ **(2)**

TOTAL: 17 marks

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