



## Expanding Double Brackets

### Exam Style Questions

1. Expand and simplify  $(x + 1)(x + 2)$

..... (2 marks)

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2. Expand and simplify  $(2x + 3)(x + 4)$

..... (2 marks)

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3. Expand and simplify  $(x - 7)(2x + 1)$

..... (2 marks)

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# JP Maths Revision

4. Expand and simplify  $(2x - 1)(3x - 2)$

..... (2 marks)

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5. Expand and simplify  $(x - 3)(x + 3)$

..... (2 marks)

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6. Expand and simplify  $(2x + 1)(2x - 1)$

..... (2 marks)

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7. Expand and simplify  $7(x - 5)(x - 1)$

..... (2 marks)

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# JP Maths Revision

8. Expand and simplify  $(4x + 1)^2$

..... (2 marks)

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9. Expand and simplify  $(x + 1)(x - 2) + (x + 7)(x - 3)$

..... (3 marks)

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10. Expand and simplify  $(x - 1)(2x + 3) - (4x - 1)(x - 3)$

..... (3 marks)

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11. Expand and simplify  $x - (6x + 1)(x + 3)$

..... (3 marks)

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# JP Maths Revision

12. Expand and simplify  $3x^2 - 4x - (x + 2)(4x + 1)$

..... (3 marks)

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13. A triangle has a base  $(x + 3)$  cm and a height  $(9x + 2)$  cm . Show that the area,  $A$ , can be written in the form  $A = ax^2 + bx + c$  where  $a$ ,  $b$  and  $c$  are values to be determined.

..... (3 marks)

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