

EXPANDING ONE AND TWO BRACKETS

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

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|-----------------------------------|--|
| 1. Expand $3(x + 4)$ | 2. Expand $-2(y - 5)$ |
| 3. Expand $4a(3a - 2b)$ | 4. Expand $(x + 3)(x + 2)$ |
| 5. Expand $(2y - 1)(y + 4)$ | 6. Expand $(3x - 2)(2x - 5)$ |
| 7. Expand $(a + b)(a - b)$ | 8. Expand $(2x + 3)^2$ |
| 9. Expand $(x + 2)(x^2 - 3x + 1)$ | 10. Expand $(2a - 3b)(3a^2 + ab - 2b^2)$ |

MASTER QUESTIONS



- M1.** A rectangular garden has length $(x + 5)$ metres and width $(x + 3)$ metres. Write an expression for the area and expand it fully.