ZiloAcademy

✨ Grade 10 Maths — Completing the Square ✨

Name: Demo **Date:** 26/11/2026

1. Complete the square: $x^2 + 6x + 5$ (format like (x-4)^2+3, no spaces)

2. By completing the square, find the turning point of $y = x^2 - 2x - 7$ (format like (-2,5))

3. Complete the square: $x^2 + 4x + 13$ (format like (x-4)^2+3, no spaces)

4. By completing the square, find the turning point of $y = x^2 - 4x - 2$ (format like (-2,5))

5. Complete the square: $x^2 + 12x + 36$ (format like (x-4)^2+3, no spaces)

6. Complete the square: $x^2 - 6x$ (format like (x-4)^2+3, no spaces)

7. Complete the square: $x^2 - 12x + 32$ (format like (x-4)^2+3, no spaces)

8. By completing the square, find the turning point of $y = x^2 + 16x + 79$ (format like (-2,5))

9. Complete the square: $x^2 + 2x - 3$ (format like (x-4)^2+3, no spaces)

10. Complete the square: $x^2 + 16x + 64$ (format like (x-4)^2+3, no spaces)