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A circle has centre $(4, -5)$ and radius 6

Find the equation of the circle.

Tick (✓) **one** box.

$$(x - 4)^2 + (y + 5)^2 = 6$$

$$(x + 4)^2 + (y - 5)^2 = 6$$

$$(x - 4)^2 + (y + 5)^2 = 36$$

$$(x + 4)^2 + (y - 5)^2 = 36$$

[1 mark]