5	A curve has equation $y = a(x+b)^2 + c$, where a, b and c are constants. The curve has a stationary point at $(-3, 2)$.	
	(a) State the values of b and c .	[2]
	When the curve is translated by $\binom{4}{0}$ the transformed curve passes through the point $(3, -18)$.	
	(b) Determine the value of a.	[3]