24	$123 = a + (20 - 1)d$ **or** $123 = a + 19d$			5	M1	for using $U_n = a + (n-1)d$
	$2880 = \frac{30}{2}(2a + (30-1)d)$ **or** $2880 = \frac{30}{2}(2a + 29d)$ **or** $192 = 2a + 29d$				M1	for using $S_n = \frac{n}{2}(2a + (n-1)d)$
	eg $192 = 2a + 29d$ $123 = a + 19d$ (× 2) $246 = 2a + 38d$ Subtracting $54 = 9d$ **or** $192 = 2(123 - 19d) + 29d$ oe **or** $d = 6$	eg $192 = 2a + 29d$ (× 19) $123 = a + 19d$ (× 29) $3648 = 38a + 551d$ $3567 = 29a + 551d$ Subtracting $81 = 9a$ **or** $192 = 2a + 29\left(\frac{123 - a}{19}\right)$ oe **or** $a = 9$			M1	(dep on M2) for a correct method to find a or d: coefficients of a or d the same in correct equations **and** correct operator to eliminate selected variable resulting in an equation in a only or in d only **or** writing a or d in terms of the other variable and correctly substituting (condone missing brackets)
	eg $192 = 2a + 29$("6") oe **or** $123 = a + 19$("6") oe	eg $192 = 2$("9") $+ 29d$ oe **or** $123 =$ "9" $+ 19d$ oe			M1	(dep on M3) for substituting their found value of a or d into a correct equation
	Working required		$a = 9$ $d = 6$		A1	dep on M2 a and d must be clearly identified
						Total 5 marks