International GCSE Maths

Apart from questions 3, 5, 6b, 11, 17 and 24 (where the mark scheme states otherwise) the correct answer, unless clearly obtained by an incorrect method, should be taken to imply a correct method

Values in quotation marks must come from a correct method previously seen unless clearly stated otherwise.

Q	Working	Answer	Mark	Notes
1 (a)			2	M1 for $3n + k$ ($k \neq -2$) or $3 \times n + k$ ($k \neq -2$) or $n \times 3 + k$ ($k \neq -2$) (k may be zero or absent)
	Working not required, so correct answer scores full marks (unless from obvious incorrect working)	$3n - 2$		A1 oe eg $1 + (n - 1)3$ oe or $3 \times n - 2$ oe or $n \times 3 - 2$ oe NB: award full marks for eg $x = 3n - 2$ oe or $x = 3 \times n - 2$ oe or $x = n \times 3 - 2$ oe or nth term $= 3n - 2$ oe or nth term $= 3 \times n - 2$ oe or nth term $= n \times 3 - 2$ oe or $3x - 2$ Allow eg T_n or U_n or a_n for nth term **but** only M1 for $n = 3n - 2$ oe or $x = 3x - 2$
(b)		77	1	B1 cao
				Total 3 marks