International GCSE Maths					
Apart from questions 8ab, 9, 11b, 15a, 19b, 20 the correct answer, unless clearly obtained by an incorrect method, should be taken to imply a correct method					
Q	**Working**	**Answer**	**Mark**	**Notes**	
1	12 ÷ (5 – 2) (= 4) **or** 2 : 5 = 8 : 20 **or** A = 8 **or** S = 20 **or** eg $\frac{5}{15}x-\frac{2}{15}x=12$ **or** x = 60		3	M1 for method to find the value of one share **or** working with the ratio for Arjun or Simon **or** setting up an equation **or** for finding the total number of goals (= 60)	M2 for $\frac{8}{5-2}\times 12$ oe
	eg 8 × "4" **or** $8\times\frac{8}{2}$ **or** 8 + 12 + 12 **or** $8\times\frac{20}{5}$ **or** 20 + 12 **or** "60"$\times\frac{8}{15}$			M1 for a complete method	
	Correct answer scores full marks (unless from obvious incorrect working)	32		A1 SCB1 for $\frac{8}{15}\times 12 (=6.4)$	
					Total 3 marks

2	15 × 5 + 45 × 6 + 75 × 8 + 105 × 9 + 135 × 2 **or** 75 + 270 + 600 + 945 + 270 [lower bound products are: 0, 180, 480, 810, 240] [upper bound products are: 150, 360, 720, 1080, 300]		3	M2	for correct products using midpoints (allow one error or omission) with attempt to add (M1 for products using a consistent value within range and attempt to add **or** for at least 4 correct products without addition)
	Correct answer scores full marks (unless from obvious incorrect working)	2160		A1	(an answer of 72 loses the final A mark but gains M2)
					Total 3 marks