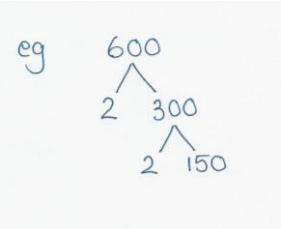
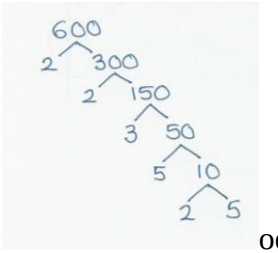
International GCSE Maths

Apart from questions 1, 2, 4b, 5, 8, 12d, 19, 21, 23 (where the mark scheme states otherwise) the correct answer, unless clearly obtained from an incorrect method, should be taken to imply a correct method.

Question	Working	Answer	Mark	Notes
1	eg $2 \times 2 \times 150$ **or** $3 \times 5 \times 40$ **or** $2 \times 3 \times 100$ **or** $5^2 \times 24$ **or**  **or** 2 | 600 2 | 300 | 150		3	M1 for at least 2 correct stages in prime factorisation which give 2 prime factors – may be in a factor tree or a table or listed eg 2, 2, 150 (see LHS for examples of the amount of work needed for the award of this mark, allow no more than one mistake ft (eg one mistake with 2 prime factors ft: $600 = 200 \times 30 = 2 \times 100 \times 5 \times 6$))
	eg $2 \times 2 \times 2 \times 3 \times 5 \times 5$  oe 2 | 600 2 | 300 2 | 150 3 | 75 5 | 25 5 | 5 | [1] oe			M1 for 2, 2, 2, 3, 5, 5 (ignore 1s) (may be a fully correct factor tree or ladder)
	Working required and note that the answer must be given as a product of powers of prime factors	$2^3 \times 3 \times 5^2$		A1 dep on M2 can be any order (allow $2^3 \,.\, 3 \,.\, 5^2$)
				Total 3 marks