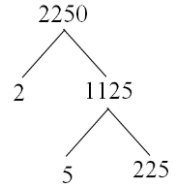
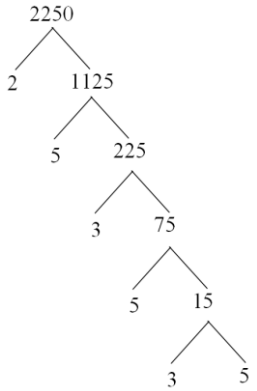
International GCSE Maths

Apart from Questions 1, 12, 15, 16 and 18 (where the mark scheme states otherwise), the correct answer, unless clearly obtained by an incorrect method, should be taken to imply a correct method.

1	e.g. $2 \times 5 \times 225$ or $5 \times 5 \times 90$ or $5^2 \times 90$ $3 \times 5 \times 150$ or $3 \times 3 \times 250$ or $3^2 \times 250$		3	M1	for 2 correct stages in prime factorisation with 0 incorrect stages or at least 3 stages in prime factorisation with no more than 1 incorrect stage. Each stage gives 2 factors – may be in a factor tree or a table or listed eg 2, 2, 225 (see LHS for examples of the amount of work needed for the award of this mark). Example of 3 stages with 1 incorrect stage: $2250 = 225 \times 100 = 3 \times 5 \times 15 \times 100$ or $225 = 3 \times 5 \times 15$
	e.g. 2 | 2250 5 | 1125 | 225	e.g. 			
	e.g. $2 \times 3 \times 3 \times 5 \times 5 \times 5$			M1	for 2, 3, 3, 5, 5, 5 or $2 \times 3 \times 3 \times 5 \times 5 \times 5$ or $2 , 3^2 , 5^3$ oe or $2 + 3^2 + 5^3$ (ignore 1s) (may be a fully correct factor tree or ladder)
	e.g. 2 | 2250 5 | 1125 3 | 225 5 | 75 3 | 15 5 | 5 | (1)	e.g. 				
	Working required		$2\times3^2\times5^3$		A1 dep on M2 can be any order (allow $2 . 3^2 . 5^3$)
					Total 3 marks