

Step	Descriptor
1	<ul style="list-style-type: none"> • Students attempt to answer basic recall questions in familiar contexts. • Students recall limited key words and their meanings, with prompts. • Students can recall some methods and with support, can apply these to solve a equations. • With support, pupils can identify simple number patterns. • Students attempt to use a basic formulae.
2	<ul style="list-style-type: none"> • Students can answer basic recall questions in familiar contexts using limited mathematical terminology. • Students can occasionally communicate mathematical knowledge and understanding with prompts. • Students can recall some methods and apply these to solve equations. • Students recognise and describe simple number patterns. • Students can use some basic formulae with help.
3	<ul style="list-style-type: none"> • Students answer recall questions and occasionally communicate mathematical knowledge and understanding. • Students can occasionally apply their understanding to both familiar and unfamiliar contexts. • Students begin to link prior knowledge to new concepts. • Students can use the majority of basic formulae
4	<ul style="list-style-type: none"> • Students demonstrate some appropriate knowledge and understanding and apply these using mathematical terminology. • Students are able to interpret data effectively. • Students can use methods effectively to problem solve. • Students can use appropriate mathematical skills to perform more complex calculations.
5	<ul style="list-style-type: none"> • Students demonstrate good mathematical knowledge and apply this mathematical terminology. • Students use appropriate mathematical skills to perform multi-step calculations. • Students can use more complex formulae. • Students can apply prior knowledge to new concepts.
6	<ul style="list-style-type: none"> • Students demonstrate accurate, appropriate knowledge and understanding and apply these correctly to familiar and unfamiliar contexts, using accurate mathematical terminology. • Students use appropriate mathematical skills to perform multi-step calculations and can simplify when needed • Students are able to confidently work independently. • Students have strong mathematical reasoning and problem solving skills.
7	<ul style="list-style-type: none"> • To achieve a Step 7 candidates will be able to: <ul style="list-style-type: none"> • perform most procedures accurately • interpret and communicate more complex information accurately • make deductions and inferences and draw conclusions • construct chains of reasoning, including convincing arguments and formal proofs •

	<ul style="list-style-type: none"> • generate efficient strategies to solve complex mathematical and nonmathematical problems by translating them into a series of mathematical processes • make and use connections, which may not be immediately obvious, between different parts of mathematics. • interpret results in the context of the given problem • begin to critically evaluate methods, arguments, results and the assumptions mad
8	<p>To achieve a Step 8 candidates will be able to:</p> <ul style="list-style-type: none"> • perform procedures accurately • interpret and communicate complex information accurately • make deductions and inferences and draw conclusions • construct substantial chains of reasoning, including convincing arguments and formal proofs • generate efficient strategies to solve complex mathematical and nonmathematical problems by translating them into a series of mathematical processes • make and use connections, which may not be immediately obvious, between different parts of mathematics • interpret results in the context of the given problem • critically evaluate methods, arguments, results and the assumptions made
9	<ul style="list-style-type: none"> • To achieve a Step 9 candidates will be able to: • Select accurately and efficient the most appropriate mathematical procedures to obtain a solution • Communicate a mathematical process coherently and accurately • Manipulate number and algebra efficiently applying it at the highest level • Present mathematical proofs algebraically