

The objective of the following ten questions is to overview the subject of dwell in CNC programming.

#	Question	Answer
1	Describe two main applications for using dwell in a CNC program	
2	Specify all possible formats for dwell; use 0.75 seconds dwell as an example	
3	An long dwell time may be justified in certain circumstances. Name one or two	
4	Explain the term 'minimum dwell'	
5	How many revolutions will take place with a dwell of one half of a second at 1200 r/min?	
6	If the dwell is expressed in milliseconds, what address is normally programmed?	
7	Calculate minimum dwell for 485 r/min spindle rotation	
8	If the dwell is specified as X0.3, how many units will the tool move along the X-axis?	
9	Why is the X-axis called the 'dwelling' axis?	
10	Calculate dwell time for 4 spindle revolutions at 860 r/min	