

The objective of the following questions is to refresh some basic knowledge about CNC machines used mainly for *turning*. Answer the questions briefly, but make sure the answer reflects the question or instruction.

#	Question	Answer
1	What is the purpose of a turret on a CNC lathe?	
2	Name the two typical axes of a common CNC lathe	
3	What are the main benefits of a slant bed lathe design?	
4	By its design, an engine type CNC lathe is often defined as ... ?	
5	A vertical CNC lathe is sometimes associated with an incorrect description - can you name it?	
6	Name at least five control features that are typical to a CNC lathe programming	
7	Name at least three types of CNC lathes	
8	On all CNC lathes, the Z-axis represents ... what?	
9	If X and Z are the primary axes of a CNC lathe, what does the optional C-axis represent?	

10	From the machine specifications chart of the <b>CNC Programming Handbook</b> , what does the <b>spindle speed</b> represent?	
11	What is the main application for using a CNC vertical lathe in the machine shop?	
12	Describe briefly the function of a four-axis CNC lathe	

Notes: