Name:		Score:
1.	Metal Lathe Movie Watch the lathe video off the website What does a lathe do?	
2.	How does a lathe work?	
3.	What is the direction or axis parallel to the axis of rotation?	
4.	What is the only direction or axis holes can be drilled?	
5.	What axis is perpendicular with the axis of rotation?	
6.	What part of the lathe holds and spins the part?	
7.	What is used to clamp and unclamp the part?	
8.	What tool must NEVER be left on the clamping area?	
9.	Where are the tools placed on the lathe to use?	

Name:		Score:
10.	What direction should tools be placed in the tool holder?	
11.	Where should the edge of the tool be placed to cut properly?	
12.	Explain the simple method for properly lining up a tool.	
13.	Sketch what a tailstock looks like.	
14.	How do you lock the tailstock in place?	
15.	What is the most common tool used in the tailstock?	

Name:		Score:
16.	What are the three wheels that control motion and what do they control? a.	
	b.	
	c.	
17.	What wheel should you reset when you are done?	
18.	The wheels have some play. What can you do to ensure greater accuracy?	
19.	What does the auto-feed do?	
20.	How do you turn the auto-feed on or off?	

Name:		Score:
21.	What tools do you use to measure your parts? a.	
	b.	
22.	We don't have a readout, but how would a readout help when cutting a par	t?
23.	How do you turn the machine on in the forward direction?	
24.	Backward?	
25.	What does the foot brake do?	
26.	Why does using auto-feed always give a nicer finish?	
27.	What determines how much material you should cut off of a part?	

Name:		Score:
28.	What types of holes can be made? a.	
	b.	
	C.	
29.	What bit is used to start a hole?	
30.	When tapping a hole should you turn on the lathe?	
31.	Why make a reamed hole over a drilled hole?	
32.	Why does the guy have a black thumbnail?	
33.	When you finish with a lathe, what do you do?	