

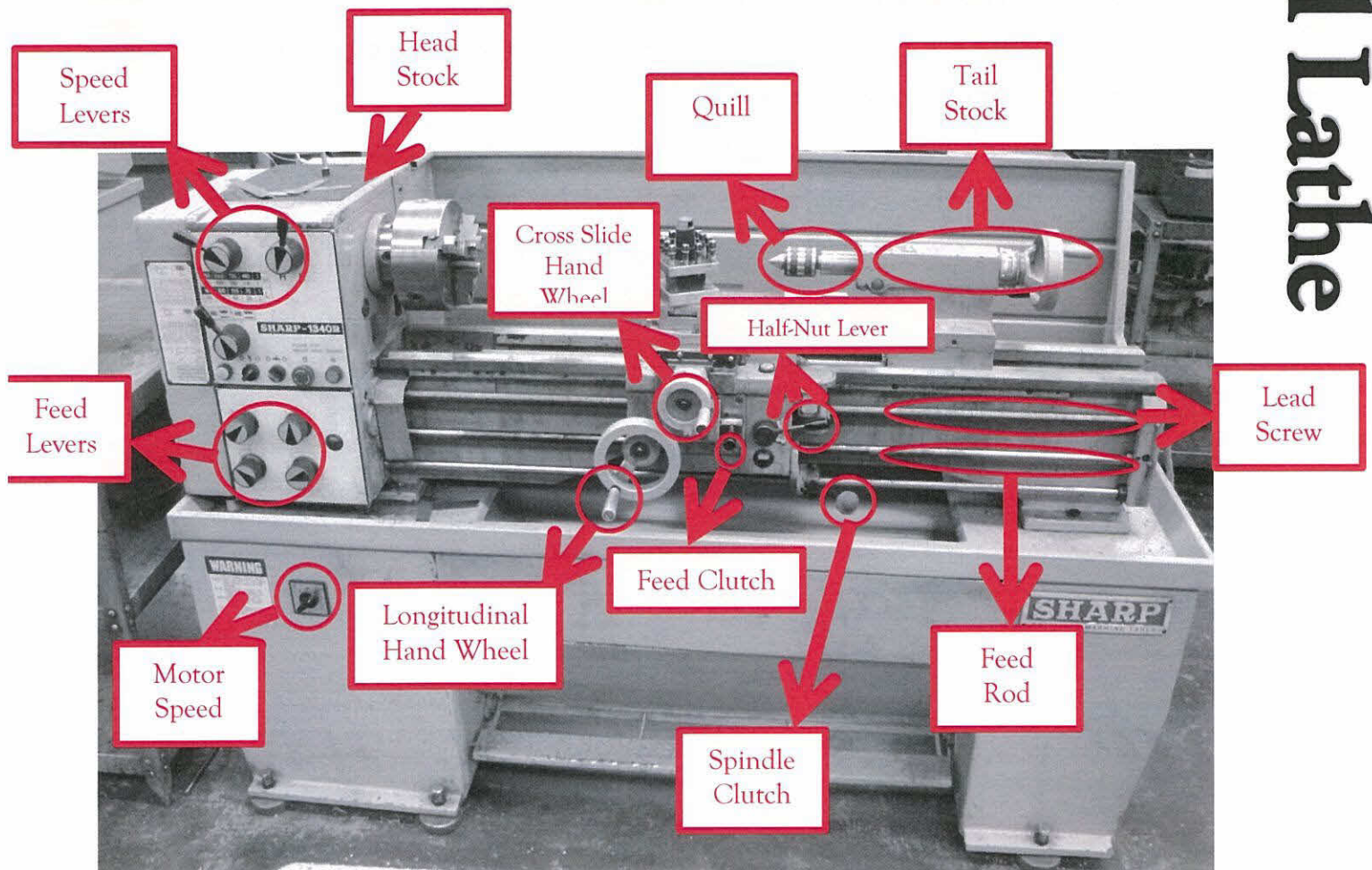
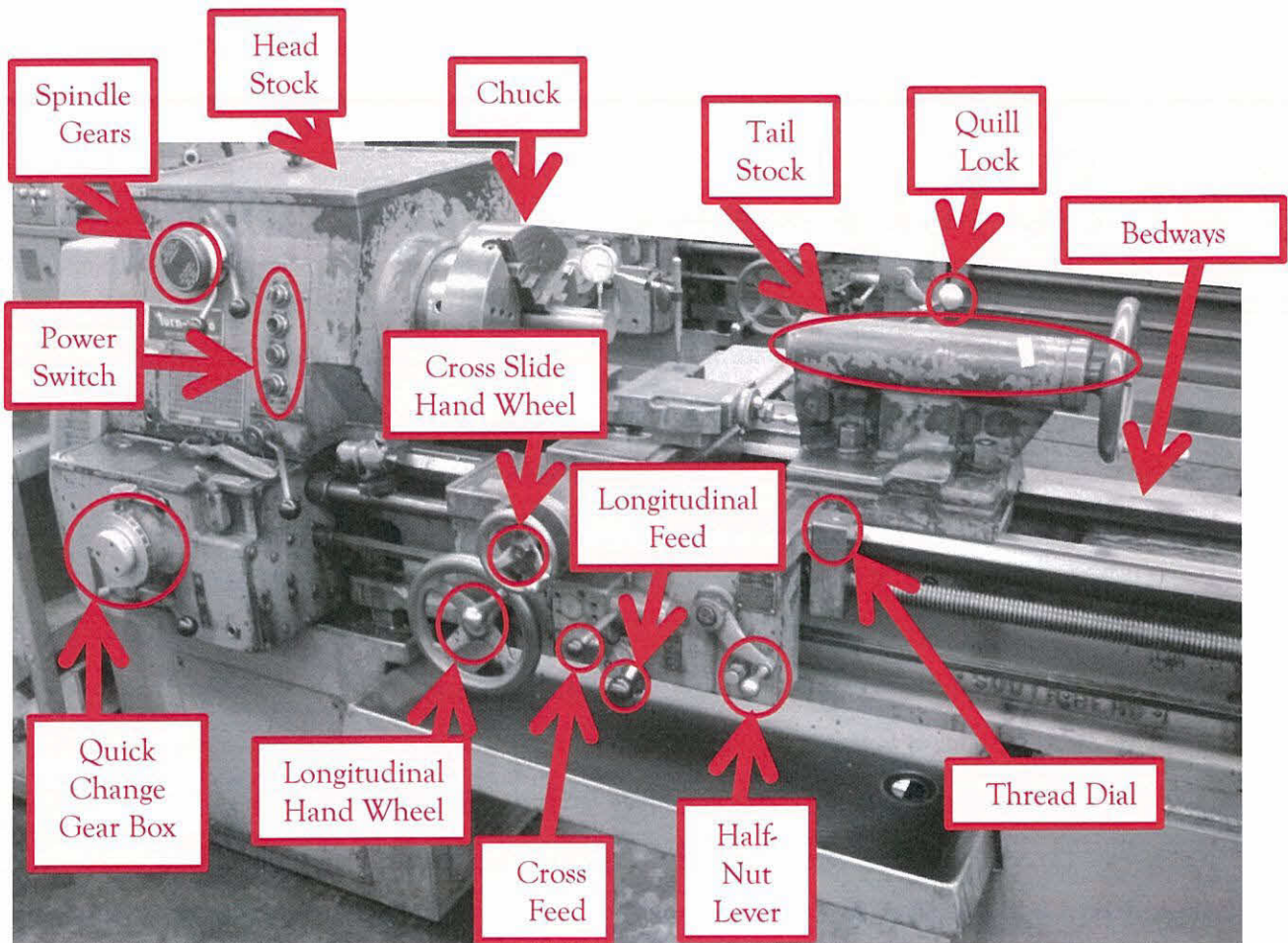
# *For Safety –*

1. Operate only with the instructor's permission and after you have received instruction
2. Remove jewelry, eliminate loose clothing, and confine long hair
3. Make sure all guards are in place and operating correctly
4. Always wear proper eye protection
5. Never leave the chuck key in the lathe chuck
6. Rotate the spindle by hand to check clearance before engaging power
7. Remove chips with a brush; **never** by hand
8. Make sure work is secure and lathe is set at correct speed and feed before starting the cut
9. Handle chucks and face plates carefully. **Never** adjust the tool bit when the tool holder is held by hand
10. Remove the tool holder and tool post before filing or polishing
11. **Do not** hand stop a lathe chuck; allow it to coast to a stop. Keep hands away from all moving parts

# **Metal Lathe**

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# Metal Lathe



Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
AM / PM                      Year: 1 2 3

## Safety Quiz

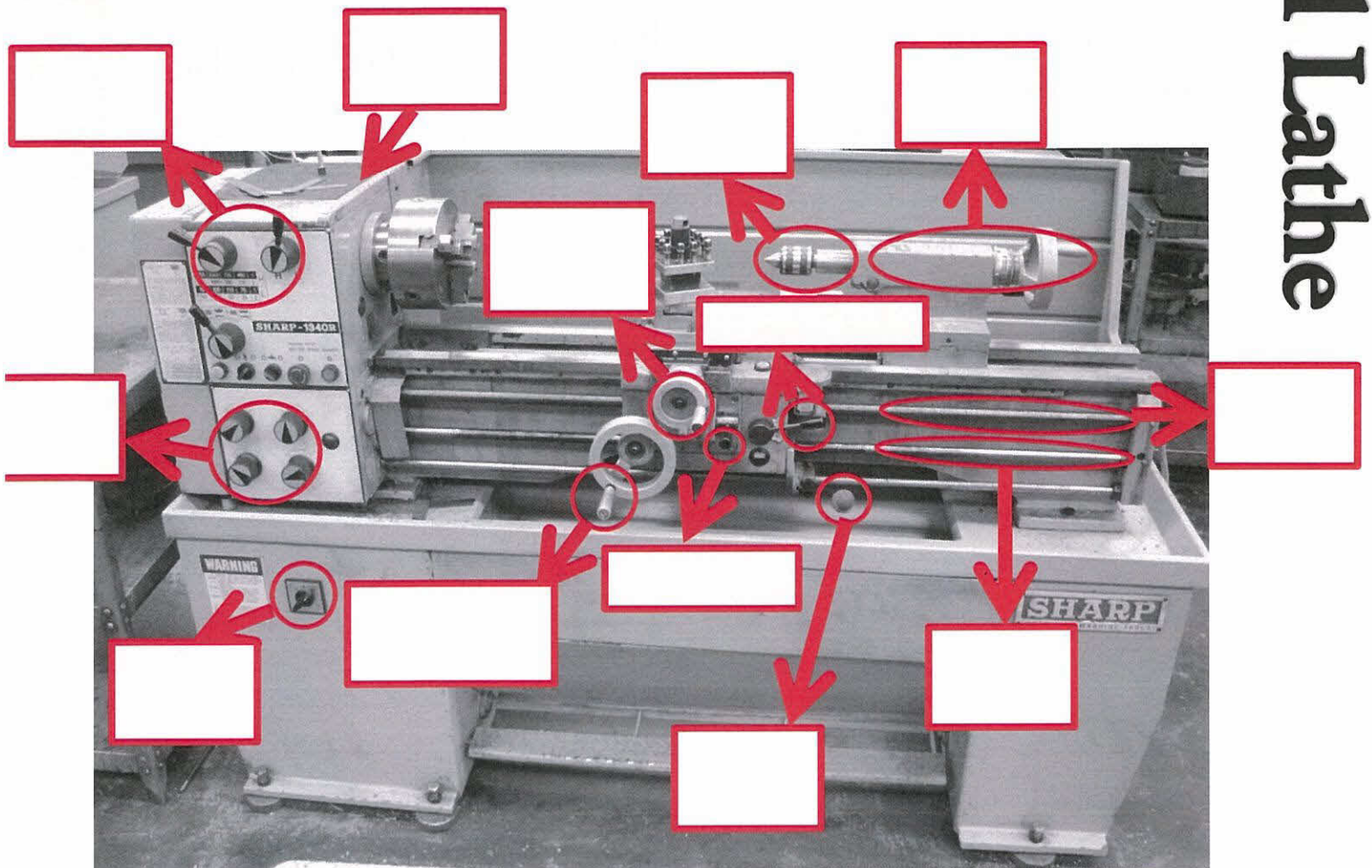
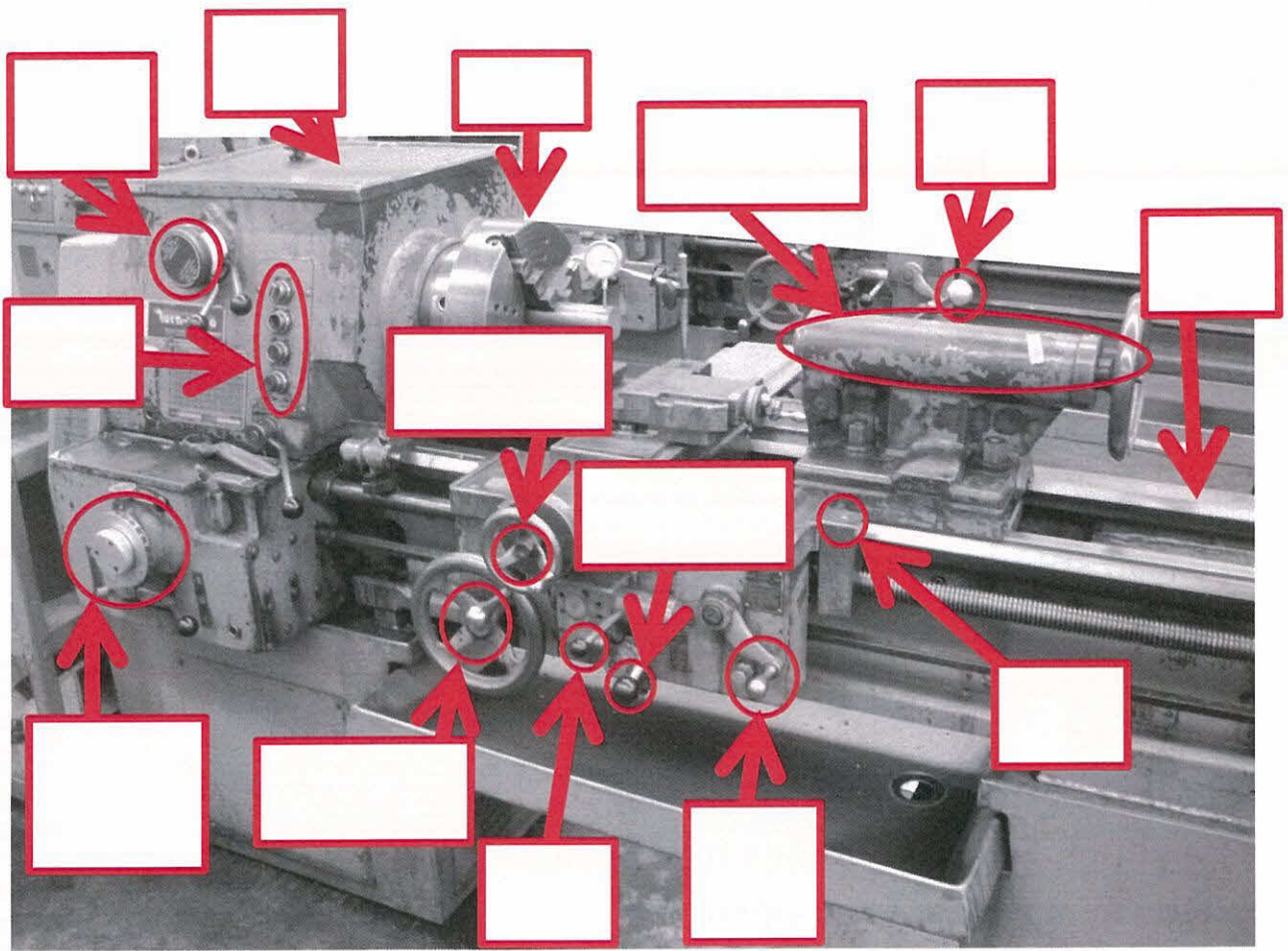
### Circle One

- |  |              |
|--|--------------|
| 1. A brush should be used for removing chips                           | True   False |
| 2. The tail stock does not need to be secured to the bed               | True   False |
| 3. The chuck wrench remains in the chuck when the machine is stopped   | True   False |
| 4. It is safe to turn the machine by hand before starting              | True   False |
| 5. Measurements should be made while the machine is stopped            | True   False |
| 6. The tool and work piece must be securely held before initiating cut | True   False |

**Metal Lathe**

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# Metal Lathe

# Word Bank

Spindle Gears  
Quick Change Box  
Speed Levers  
Motor Speed  
Power Switch  
Longitudinal Hand Wheel  
Cross Slide Hand Wheel  
Chuck  
Feed Clutch  
Half-Nut Lever  
Head Stock  
Longitudinal Feed  
Tail Stock  
Quill  
Feed Rod  
Lead Screw  
Spindle Clutch  
Cross Feed  
Bedways  
Thread Dial  
Feed Levers  
Quill Lock

**Metal Lathe**