

## Homework - Shop Safety

Student Name \_\_\_\_\_ Date: \_\_\_\_\_

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) Compressed air may: 1) \_\_\_\_\_  
A) Injure ears      B) Cause metal chips to fly  
C) Injure skin      D) Cause all of the above
  
- 2) Grinder operations require that: 2) \_\_\_\_\_  
A) Dust must be controlled  
B) Side shield safety glasses be worn and dust controlled  
C) Side shield safety glasses be worn  
D) Plain safety glasses be worn and dust controlled
  
- 3) Proper dress includes: 3) \_\_\_\_\_  
A) Short hair and shirt sleeve shirt  
B) Any shoes, short hair and short sleeves  
C) Solid shoes, shop apron or short sleeve shop coat, short or secured hair and a short sleeve shirt  
D) Solid shoes and a shop coat
  
- 4) To protect hands: 4) \_\_\_\_\_  
A) Keep them out of danger by thinking about safety  
B) Wear gloves  
C) Clean chips with a brush instead of hands  
D) Both A and C
  
- 5) Grinding dust can: 5) \_\_\_\_\_  
A) Be controlled using coolants  
B) Be extremely fine metal particles  
C) Be a hazard to health  
D) All of the above
  
- 6) Safety is: 6) \_\_\_\_\_  
A) Really only important to beginners  
B) Something that pertains only to being inside the machine shop  
C) An attitude that should be considered in everything you do  
D) Something that pertains only to machine tool operations
  
- 7) The right way (position) to lift is: 7) \_\_\_\_\_  
A) Lean over the load and lift it slightly to see how heavy it is  
B) Keep the back straight, bend knees and squat down  
C) Weigh the load to see if it is over 57 pounds  
D) Size up the load to determine if it is within your lifting capacity
  
- 8) You are going to do maintenance on a permanently wired machine tool. You should first: 8) \_\_\_\_\_  
A) Have another person stand by the machine while you work  
B) Switch off the circuit breaker to the machine, tag and or lock out the switch with an appropriate tag and lock  
C) Turn the machine switch to off  
D) Call an electrician to disconnect the machine wiring

9) When cleaning a machine tool after use:

9) \_\_\_\_\_

- A) Blow chips with compressed air as long as the air pressure is not over 10 PSI
- B) Wash the entire machine with a non-flammable cleaning solvent
- C) Use a rag to remove chips from the machine
- D) Use a brush to remove chips from the machine

10) Oil soaked rags:

10) \_\_\_\_\_

- A) Can be a health hazard
- B) Can be a fire hazard
- C) A, B, and D
- D) Should be stored in an approved safety can