

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