

**Assessment**

**Read the following statements from Workers A and B. Indicate the correct answer by selecting from the four listed choices.**

1. Worker A says that for safe operation of a portable power drill you should remove the chuck key after using it to tighten the chuck.

Worker B says that you should use a center punch to mark metal for drilling.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

2. Worker A says that a portable power nibbler is most similar in function to a file.

Worker B says that you should not use compressed air to remove power nibbler cuttings.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

3. Worker A says that a cold circular cutoff saw can be used to make miter cuts on metals such as aluminum, copper, and stainless steel.

Worker B says that a cold circular cutoff saw can be used to make irregular cuts in hardened metal.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

4. Worker A says that a portable grinder with a wire brush attached to it is useful for removing rust or chipped paint.

Worker B says that a grinding wheel for a portable grinder should be rated to turn at speeds higher than the machine will produce.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

5. Worker A says that it is unsafe to use a grinding wheel that is out of round.

Worker B says that a grinding wheel of coarse texture is best for shaping metal.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

6. Worker A says that a bench grinder usually has mountings for three grinding wheels.

Worker B says that a bench grinder has an adjustable tool rest for supporting a small object while grinding.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

7. Worker A says that the tool or object should be moved slowly back and forth on the face of the grinding wheel.

Worker B says that hard pressure should not be applied on the work against the grinding wheel.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

8. Worker A says that a sheet metal brake can exert thousands of pounds of pressure.

Worker B says that a sheet metal brake is useful for making interior cuts in metal.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

9. Worker A says that a drill press is convenient for taking to various job sites.

Worker B says that a drill press is commonly used for installing and removing screws.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.

10. Worker A says that when using a drill press you should increase the pressure as the bit breaks through the work.

Worker B says when using a drill press you should use the hand feed lever to lower or raise the chuck to allow drilling.

- a. Worker A is correct.
- b. Worker B is correct.
- c. Both are correct.
- d. Neither is correct.