**Sheet Metal Unit Quiz**

**Multiple Choice directions:** Read each question or statement carefully and then select the response that ***best*** satisfies that question or statement.

1. Sheet Metal is classified as all metal less than \_\_\_\_\_\_\_\_ thick?

A. 1/16”

B. 1/8”

C. 1/4”

D. 1/2"

2. The most common sheet metal used is sheet

A. iron.

B. silver.

C. copper.

D. steel.

3. The thickness of sheet metal is called its

A. gage.

B. number.

C. allowance.

D. plate value.

4. The first bends on any sheet metal project should be the \_\_\_\_\_\_\_\_\_.

A. reliefs

B. seams

C. tabs

D. hems

5. Spot welded seams need to be \_\_\_\_\_\_\_\_\_ in order to accommodate the tips on the welder.

A. thinner

B. thicker

C. wider

D. looser

6. Sharp pointed tools used for laying out lines on sheet metal are called \_\_\_\_\_\_\_\_\_\_\_.

A. scratchers

B. seamers

C. shears

D. scratch awls

7. What color aviation snips are used for mainly straight cutting?

A. white

B. green

C. yellow

D. red

8. Setting hammers are commonly used to tuck and \_\_\_\_\_\_\_\_\_ sheet metal edges.

A. nick

B. bend

C. mar

D. damage

9. Aviation snips cut sheet metal easier because they are

A. newer

B. invented by the airline industry

C. compound levered

D. really sharp

10. Bend allowance takes all of the following factors into consideration *except* which one.

A. type of metal

B. cost of metal

C. grain

D. direction

E. thickness

11. A tool used to bend small hems and seams less than 6” is called a

A. hand groover

B. pry bar

C. hand seamer

D. slip joint pliers

12. The large stationary tool used to cut sheet metal quickly is called a

A. notcher

B. form roller

C. nibbler

D. squaring shear

13. Spot welders are commonly used to

A. weld thick metal.

B. weld multiple pieces of steel at the same time.

C. weld thinner gage steel.

D. can be used on any material that conducts electricity.

14. When working with sheet metal it is important to always

A. wear gloves.

B. roll up long sleeves.

C. move large sheets by yourself.

D. use a torch to cut the metal down to a smaller size.

15. The type of sheet metal pattern development that is used to construct squares and rectangles

 is called.

A. triangulation

B. radial line development

C. perpendicular line development

D. parallel line development

16. A pattern that shows the true size and shape of the metal needed to make something out of

 sheet metal is called a \_\_\_\_\_\_\_\_\_\_\_.

A. call out

B. stretch out

C. template

D. pattern

17. The main bender that is used to bend smaller sheet metal projects is called a \_\_\_\_\_\_\_\_\_.

A. box and pan brake

B. grip noes plier

C. cornice brake

D. form roller



18. The following picture is an example of which type of hem

A. wired edge

B. standing hem

C. single hem

D. grooved hem

19. The following picture is an example of which type of seam. 

A. inside corner

B. lap

C. cap strip

D. out side corner

20. A common mechanical way of holding sheet metal together is with

A. spot welds

B. glue

C. pop rivets

D. solder

fd/mp1/sheet metal unit quiz