

Assessment

Circle the letter that corresponds to the correct answer.

1. When compared with airless spray equipment, a correct statement about air spray equipment is it:
 - a. creates less overspray of finish.
 - b. delivers the finish more quickly.
 - c. produces a higher quality finish.
 - d. uses a higher degree of pressure.
2. Which part of a spray gun controls the shape of the spray pattern?
 - a. Air cap
 - b. Air valve
 - c. Fluid adjustment screw
 - d. Spreader adjustment valve
3. If the paint on a wood or metal surface is in bad condition, what should be done to the old paint before repainting?
 - a. Strip it off.
 - b. Feather the edges.
 - c. Clean it thoroughly.
 - d. Apply primer over it.
4. What must many paints be mixed with before they can be used in spray equipment?
 - a. Acid
 - b. Cleaner
 - c. Primer
 - d. Thinner

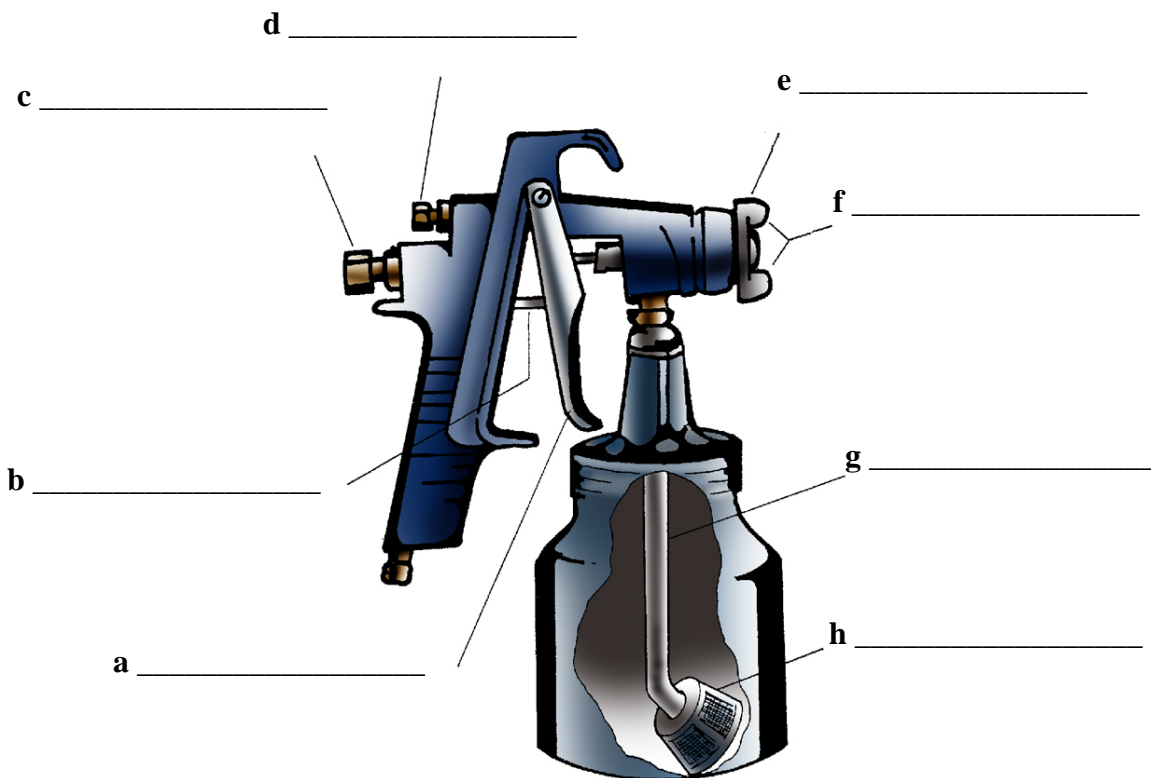
5. When painting with a spray gun, at what angle should the gun be held?
- 55 degrees
 - 65 degrees
 - 90 degrees
 - 100 degrees
6. How many inches should a spray gun be held from the surface being painted?
- 4
 - 8
 - 12
 - 16
7. When painting with spray equipment, what is the proper way to move the gun?
- In a straight line
 - In an arcing motion
 - With a twisting motion
 - With an up and down movement
8. When spray painting, what percentage of the previous pass should be overlapped?
- 20%
 - 40%
 - 50%
 - 70%
9. One possible cause of runs or sags in a paint job is:
- operating the gun too far from the surface.
 - setting the fluid pressure too low.
 - using finish that is too thick.
 - moving the gun too slowly.
10. One possible cause of streaks in a paint job is:
- operating the gun too close to the surface.
 - not overlapping passes properly.
 - setting the air pressure too low.
 - moving the gun too slowly.

Complete the following short-answer questions.

11. What does each system below use to atomize the finish?

- a. Air spray equipment -
- b. Airless spray equipment -

12. Label the parts of the spray gun below.



13. List two benefits of applying primer to a surface before painting.

a.

b.

14. List two factors to consider when choosing primer and paint.

a.

b.

15. List two kinds of undesirable spray patterns and how to correct each one.

a.

b.

16. What can happen if the spray equipment is not cleaned after every use?