

Name:

Date:

Class:

Lesson 7.8: Introduction to Plumbing

Know and Understand

Answer the following questions using the information provided in this lesson.

1. *True or False?* Proper safety equipment used in plumbing includes safety glasses, hearing protection, gloves, hardhats, fluorescent vests, and heavy-duty work boots, (7.8.1)

Answer:

2. *True or False?* Safety glasses should be worn at all times during plumbing tasks. (7.8.2)

Answer:

3. *True or False?* Improper tool use can lead to personal injury and damage to the plumbing system. (7.8.3)

Answer:

4. Solder and flux are used when attaching fittings to _____ pipe. (7.8.4)

- A. PEX
- B. PVC
- C. CPVC
- D. copper

Answer:

5. *True or False?* Copper piping is only sold in rigid sections. (7.8.4)

Answer:

6. *True or False?* PEX pipe is more flexible than PVC pipe. (7.8.4)

Answer:

7. To change the direction of water flow in a pipe, a plumber will need to use a(n) _____. (7.8.5)
- A. pipe bender
 - B. water pump
 - C. backflow preventer
 - D. elbow fitting

Answer:

8. To join two sections of PVC pipe of equal diameters, a plumber will use a(n) _____. (7.8.5)
- A. adapter
 - B. bushing
 - C. coupling
 - D. clamp

Answer:

9. A(n) _____ fitting allows water to flow freely while preventing sewer gases from entering the home through the pipe. (7.8.5)
- A. special
 - B. tee
 - C. cross
 - D. elbow

Answer:

10. Before applying cement to a PVC fitting, you should apply a _____ to the pipe and fitting. (7.8.6)
- A. rag
 - B. sleeve
 - C. primer
 - D. glue

Answer:

11. *True or False?* In agricultural applications, fixtures may be for bathtubs, showers, toilets, water heaters, and bathroom and kitchen sinks. (7.8.7)

Answer:

12. *True or False?* Septic systems should be pumped every two to five years, depending on the amount of use it receives. (7.8.8)

Answer:

13. Aerobic bacteria need _____ to grow and thrive. (7.8.9)

- A. water
- B. oxygen
- C. other bacteria
- D. soil

Answer: