

Residential Fire Suppression NFPA 13R 13D – Quiz Questions & Answers

1. Most fires occur at night when the occupants are sleeping.
True False
2. 8 out of 10 fire deaths occur in the home.
True False
3. Most fires start in the Living Room.
True False
4. NFPA 13 systems for commercial buildings and residential 13R and 13D systems are all designed to prevent Flashover.
True False
5. The average residential sprinkler head discharges:
 - a. **13 to 18 GPM**
 - b. 20 to 24 GPM
 - c. 25 to 35 GPM
6. Standard sprinkler heads differ from residential sprinkler heads in the following way:
 - a. The residential sprinklers wet the floor area more and commercial sprinklers wet the ceiling and wall more.
 - b. **The commercial sprinklers wet the floor area more and residential sprinklers wet the ceiling and wall more.**
 - c. There is no difference.
7. Water supplies serving more than one dwelling unit must add 5 gpm to the total system demand.
True False
8. A Fire Department connection is required on a 13D system.
True **False**
Answer: False, it is not required.
9. PEX Supports need to be installed horizontally every:
 - a. 16 inches
 - b. **32 inches**
 - c. 48 inches
10. Install High Temperature sprinkler heads near heat producing devices or in rooms where ambient ceiling temperatures are above:
 - a. 100°F
 - b. 120°F
 - c. **150°F**
 - d. 200°F