

Chapter 8 Quiz

Name: _____ **Date:** _____

Directions: Write the correct letter on the blank before each question.

- _____ 1. What are the two main structural members of a ladder which run parallel to one another and support the rungs? (315)
- A. Flys
 - B. Beams
 - C. Guides
 - D. Halyards
- _____ 2. What are the horizontal cross members of a ladder that provide a foothold in order for a firefighter to climb? (318)
- A. Rungs
 - B. Beams
 - C. Tie rods
 - D. Truss blocks
- _____ 3. Which type of ladder has a fixed length and can be from 6 to 32 feet (2 to 10 m) long? (318)
- A. Roof ladder
 - B. Single ladder
 - C. Trussed ladder
 - D. Extension ladder
- _____ 4. Which type of ladder has one or more fly sections that can be adjusted to various heights? (318)
- A. Roof ladder
 - B. Single ladder
 - C. Straight ladder
 - D. Extension ladder

- _____ 5. According to NFPA 1932, ground ladders should be inspected after every use and at least: (320)
- A. daily.
 - B. weekly.
 - C. monthly.
 - D. annually.
- _____ 6. What should be done if damage is found during a ladder inspection? (320)
- A. Discard the ladder and purchase a newer model.
 - B. Continue using the ladder but notify a supervisor.
 - C. Remove the ladder from service until it can be repaired and tested.
 - D. Send the ladder back to the manufacturer for an advanced inspection.
- _____ 7. According to NFPA 1931, all ladders are required to have a: (321)
- A. balance stripe.
 - B. certification label.
 - C. white reflective tip.
 - D. label listing the date of purchase.
- _____ 8. What is a safety guideline for working with ladders? (324)
- A. Two firefighters should be used to carry roof ladders.
 - B. Ensure the ladder is set to a 50-degree climbing angle.
 - C. Always raise the ladder to one rung below the working area.
 - D. Use a leg lock or ladder belt when working from a ground ladder.
- _____ 9. Before raising a ladder, it is important to: (325)
- A. secure the ladder's halyard.
 - B. look for overhead obstructions.
 - C. place the ladder flat on the ground.
 - D. extend the ladder to its designated length.

- _____ 10. When preparing to carry a ground ladder stored on an apparatus, it is important to know: (329)
- A. the date of the ladder's last inspection.
 - B. the place the ladder was manufactured.
 - C. whether the ladder will be raised for rescue or for ventilation.
 - D. whether the ladder is stored with the butt toward the rear or front of the apparatus.
- _____ 11. When carrying a roof ladder, the: (331)
- A. hooks should be open.
 - B. hooks should be closed.
 - C. ladder must be carried tip first.
 - D. ladder must be carried vertically.
- _____ 12. The recommended climbing angle for ladders is usually _____ degrees. (333)
- A. 55
 - B. 75
 - C. 95
 - D. 110
- _____ 13. What is a method of preventing a ground ladder from moving once it has been placed? (334)
- A. Heeling
 - B. Pawling
 - C. Locking
 - D. Spurring
- _____ 14. When two firefighters are used to raise a ladder, the: (337)
- A. ladder must be raised parallel to the building.
 - B. ladder must be raised perpendicular to the building.
 - C. firefighter at the tip is responsible for determining appropriate ladder placement.
 - D. firefighter at the butt end is responsible for determining appropriate ladder placement.
- _____ 15. Which ladder should be raised by at least three firefighters? (337)
- A. Roof ladder
 - B. Single ladder
 - C. 12 foot (4 m) extension ladder
 - D. 35 foot (10.5 m) extension ladder

- _____ 16. In order to safely climb a ladder, a firefighter should: (339)
- A. climb using leg muscles rather than arm muscles.
 - B. grasp the same rung with both hands while climbing.
 - C. place both feet near the center of the rungs when climbing.
 - D. reach above his or her head to grasp the rung above while climbing.
- _____ 17. If a firefighter needs to use both hands while working on a ladder, he or she should use a ladder belt or _____ to secure to the ladder. (339)
- A. hitch
 - B. leg lock
 - C. carabiner
 - D. pulley system
- _____ 18. How should a ladder be placed when rescuing a victim from a window? (341)
- A. 1 foot (0.3 m) beside the window
 - B. Ladder tip raised just below the window sill
 - C. One rung raised higher than the window sill
 - D. Three rungs raised higher than the window sill