



Βολιwar Φιρε Δεπαρτεμεντ



Rope and Knots

Name: _____ Date: _____

Circle the correct answer: Only your class notes may be used on this test.

- 1) Select the answer that only includes life safety rope applications:
- A Pulling someone from water; Tag line; Securing victim to a stokes basket
 - B Hoisting a tool; Lowering a victim; Rappelling
 - C Securing victim to a stokes basket; Rappelling; Safety harness tie-in
 - D Lowering a victim; Pulling someone from water; Hoisting a tool

2) What type of rope construction is illustrated:

- A Laid
- B Braided
- C Braid-on-braid
- D Kernmantle



3) Why is static rope preferred for rescue work?

- A Its elasticity absorbs the weight of a fall.
- B It has a low stretch factor.
- C It has a high stretch factor.
- D It stretches more than dynamic rope under weight and shock loads.

4) Which is **NOT** an approved method of drying rope?

- A Air drying.
- B Drying in a hose tower or on hose racks.
- C Drying in a clothes dryer.
- D Looping over clothesline and drying in the sun.

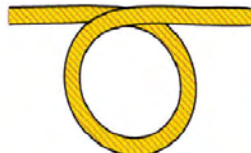
5) Label the knot element.

- A Bight
- B Loop
- C Round Turn
- D Bend



6) Label the knot element.

- A Bight
- B Loop
- C Round Turn
- D Bend



Match the knots to their primary applications:

- 7) ____ Joining ropes of unequal diameters, joining rope to chain.
- 8) ____ Safety backup.
- 9) ____ Forming a loop that will not constrict the object it is placed around.
- 10) ____ Hoisting tools, stabilizing tall objects.

- A Overhand
- B Figure-Eight
- C Bowline
- D Clove Hitch
- E Sheet Bend
- F Figure-Eight on a Bight
- G Figure-Eight follow through
- H Half Hitch