

Individual Knot Tying

Mean Time = 1:45 minutes ~ Dead Time = 3:00 minutes

Event Description: This event is for demonstrating skill in tying different commonly used knots and hitches in the industry. The yard will be set-up utilizing 6 – 4' tall stub poles with guy wire running through them and dead-ended at each end. The contestants will then be timed while moving from pole to pole and tying a different knot at each pole. The knots will be tied around the pole, above the guy wire. Each pole will be separated 5' apart. Each knot station will be labeled with which knot is to be tied. Rope will be a 10' long, ½" 3 strand Polypropylene rope. Timber hitch will include a minimum of 3 wraps of the dead end to complete the knot.

Basic Outline:

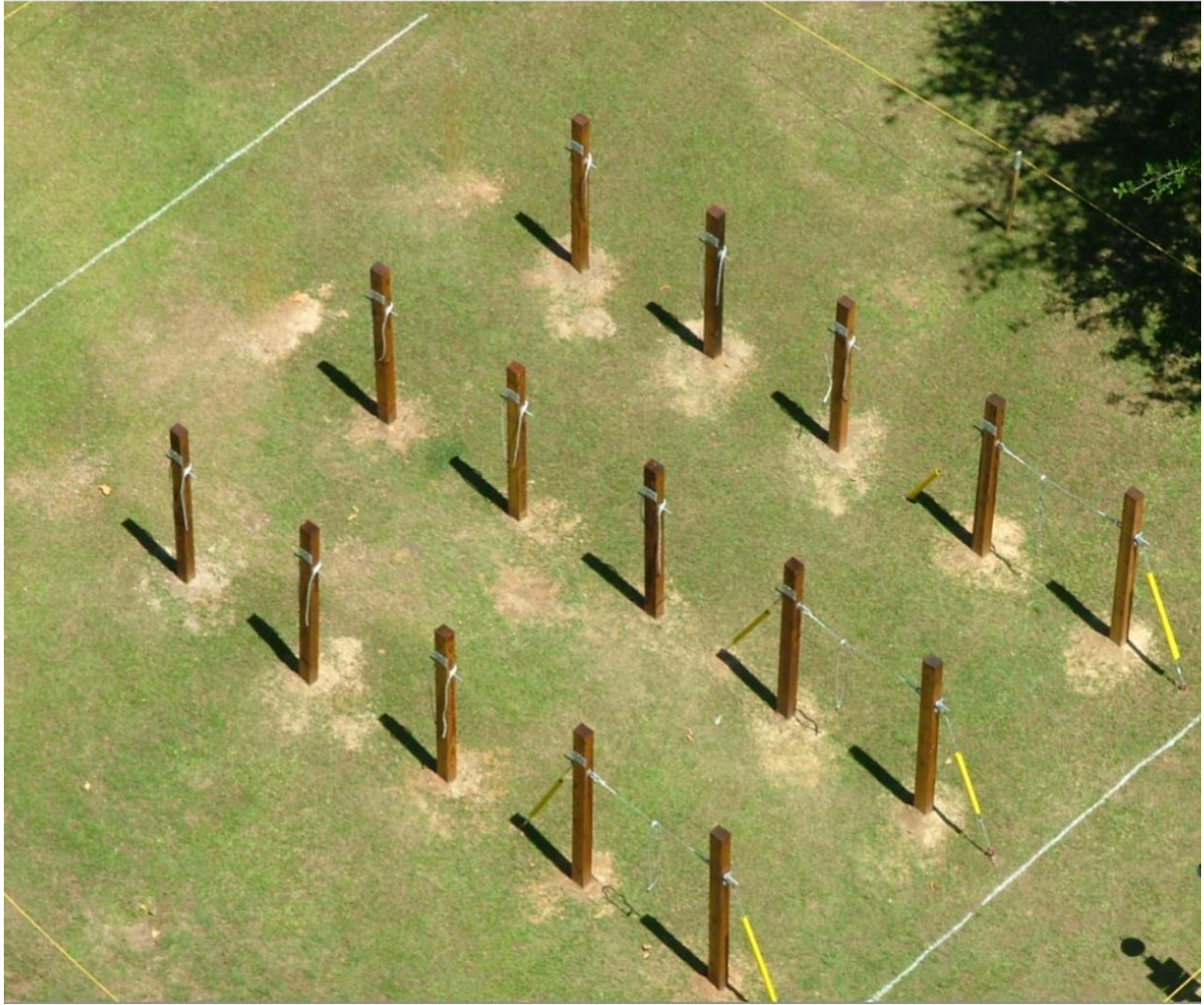
1. Time starts when on the judges "ready, set, go"
2. The contestant will start at the first station and tie a timber hitch around the pole above the guy wire
3. The contestant will move to the next pole and tie a clove hitch around the pole above the guy wire
4. The contestant will move to the next pole and tie a bowline around the pole
5. The contestant will move to the next pole and tie a running bowline around the pole
6. The contestant will move to the last pole and tie a square knot around the pole
7. The last knot will be a combination of two knots, a grapevine will be tied on the wire with the pull end towards the pole, the rope will then be taken around the pole, and 3 half hitches will be tied on the rope around the pole. (The grapevine shall consist of 4 wraps and 2 half hitches)
8. Time will stop after the last knot has been tied and competitor calls out "Done"
9. Knots will then be judged for correctness

Possible Deductions (2 pts.):

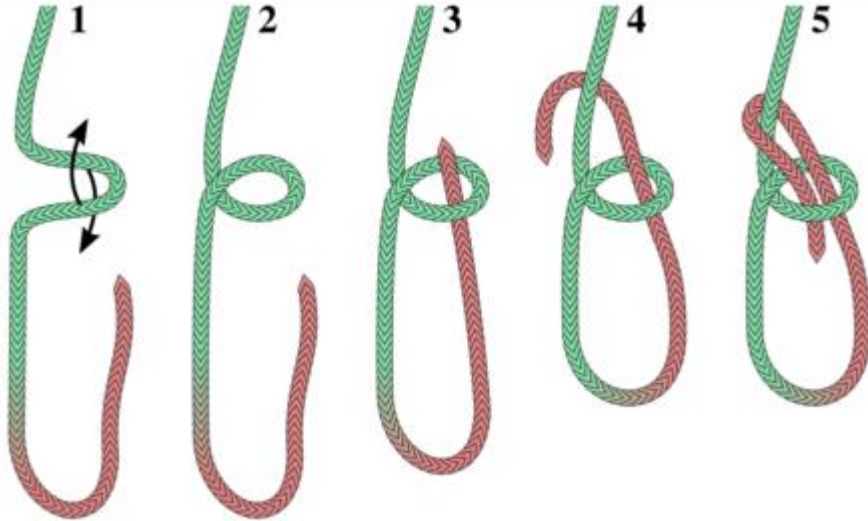
1. Failure to tie the knot correctly (knots cannot be partially tied and then passed around the pole)

Other Notes | Reminders:

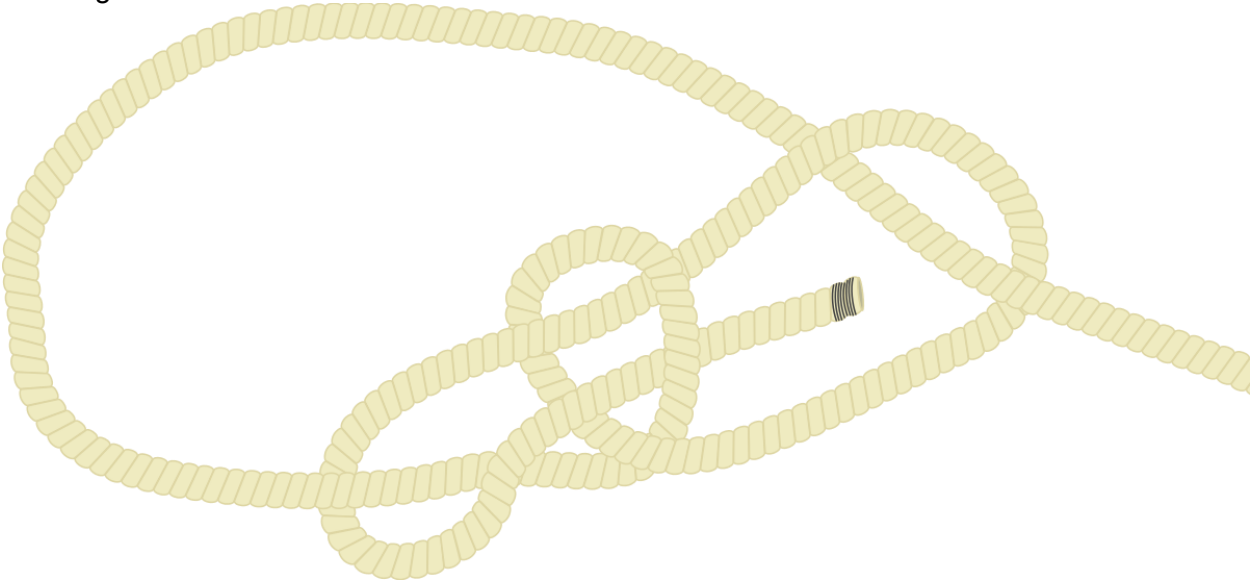
1. PPE (hard hat, work gloves, safety glasses) are required for this event



Bowline:



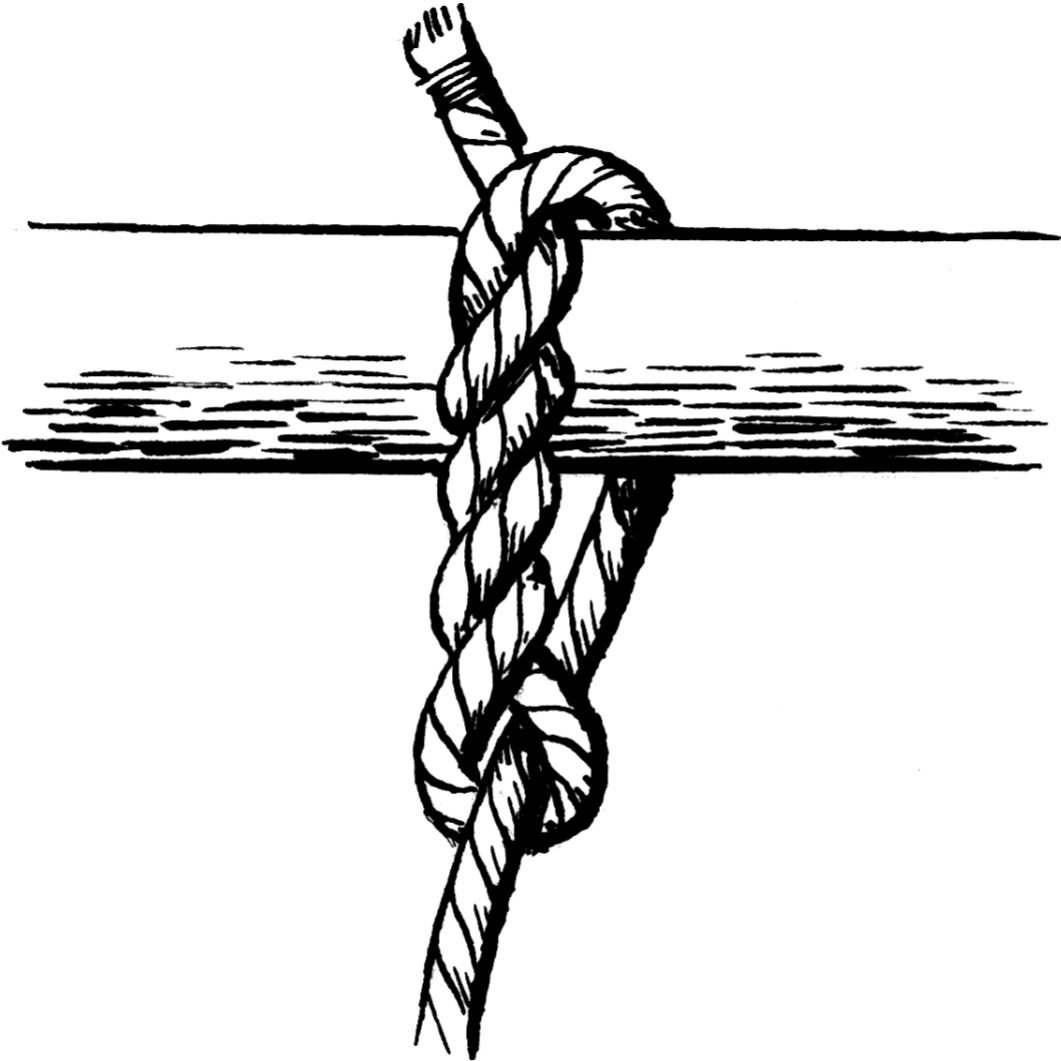
Running Bowline:



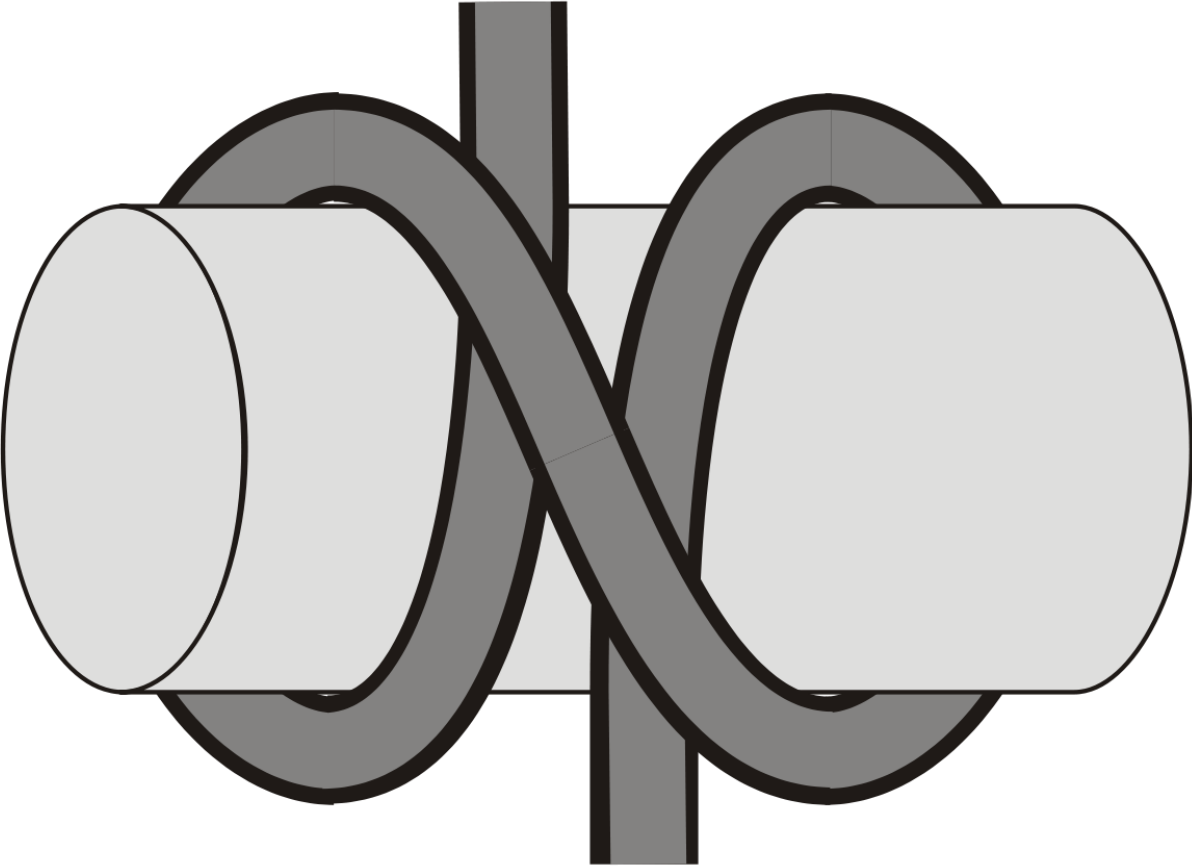
Square Knot:



Timber Hitch:



Clove Hitch:



Grapevine Hitch

This hitch is used for pulling an object. Tied properly it will grip an object or other line. It will loosen and slide to regrip the object or other line for repositioning and then grip again. Outside of our industry, this type of hitch may be referred to as a Rolling Hitch. ***The number of turns is dependent on the load weight. The heavier the load the more turns are required. Turns are always made TOWARDS the load, never away.*

