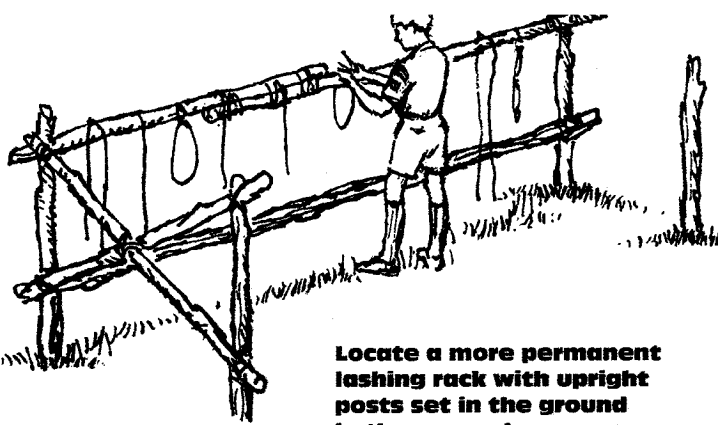
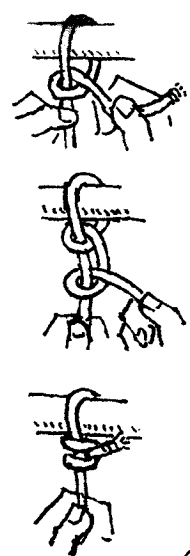


Provide a correctly lashed tripod as a standing display. Have sets of poles and ropes available for practicing shear, square, and diagonal lashing.

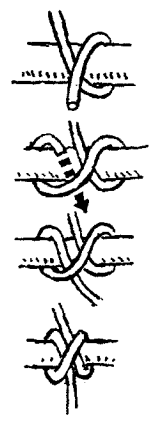


Locate a more permanent lashing rack with upright posts set in the ground in the general camp area. It serves as an exhibit of correct lashing as well as a practice area for square, diagonal, and shear lashings.

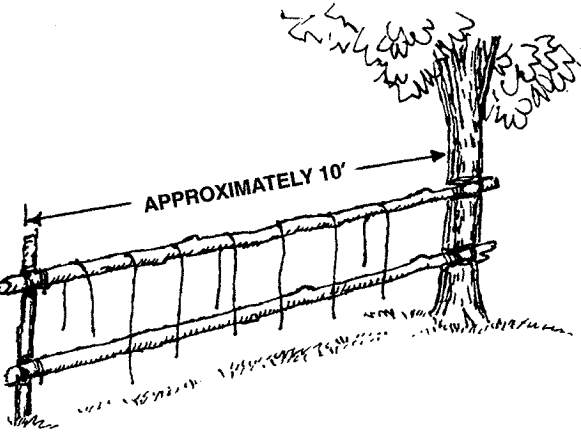
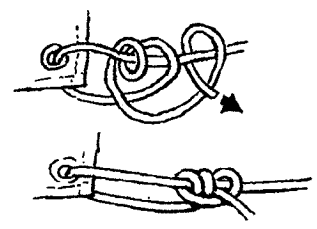
TWO HALF HITCHES



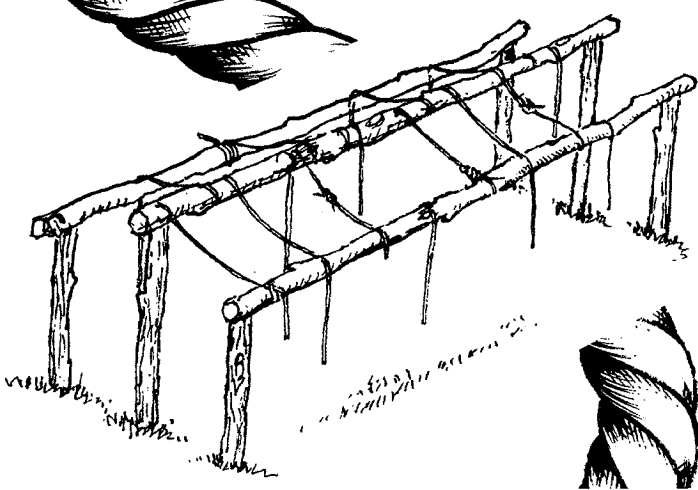
CLOVE HITCH



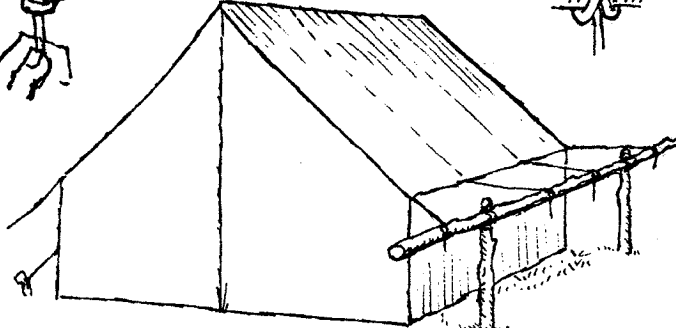
TAUT-LINE HITCH



Construct a "what knot tree" with two 10-foot poles lashed to form a place to practice the basic knots not found on tents and flies. Four to six ropes, 5 feet long, are stapled to the top pole. A 3/8-inch rope is satisfactory for knots and lashings.

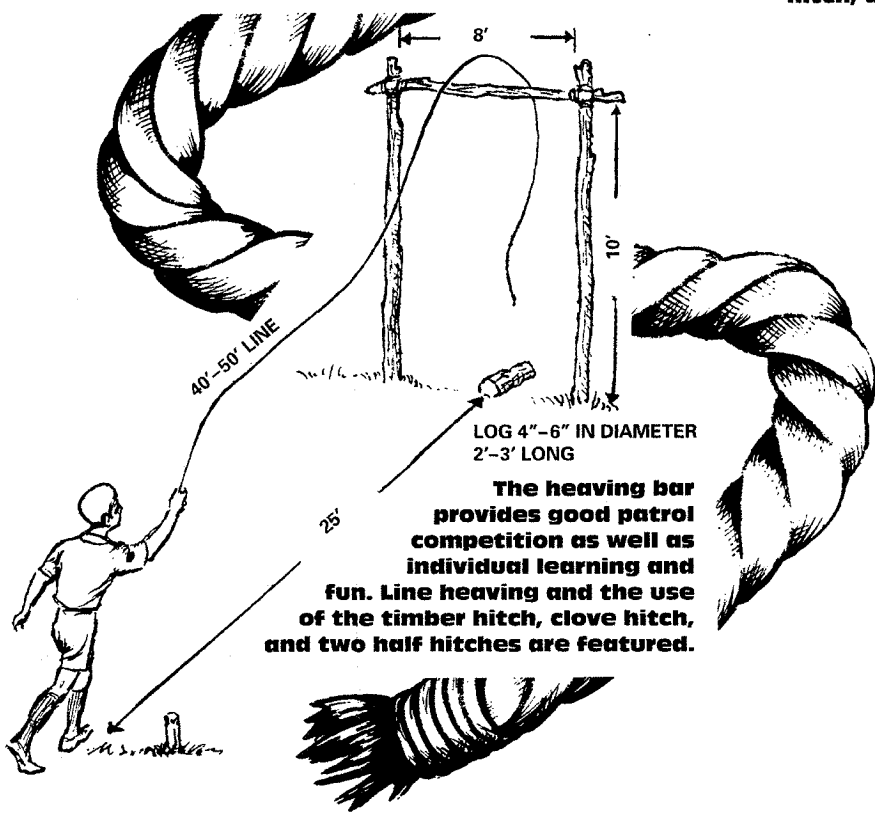
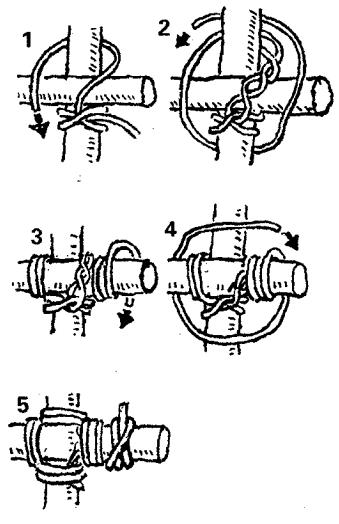


Use a patrol contest knot rack to display correctly tied knots. Tape or wire them in place to provide a permanent demonstration.



Outrigger poles on tents provide an excellent place to learn and practice the clove hitch. Other tent knots are two half hitches, taut-line hitch, and bowline.

Locate a practice rope beside each permanent knot. The knot rail is a natural for patrol knot-tying contests.



The heaving bar provides good patrol competition as well as individual learning and fun. Line heaving and the use of the timber hitch, clove hitch, and two half hitches are featured.

# Ropes, Knots, and Lashings

**ON THE TROOP CAMPSITE.** Most basic knots, hitches, and lashings used in campcraft can be learned in the troop campsite when certain equipment is available. Troops are encouraged to teach knots and hitches by using them on their tents and cooking flies, a heaving bar, and a "what knot tree," while lashing is easily learned on a simple tripod.

**GENERAL CAMP AREAS.** The double knot teaching rail is good for practice, while a larger lashing rack and a bridge-decking frame are both helpful for Scouts earning the Pioneering merit badge. Poles for these projects should be obtained through selective cutting from trees marked by a professional forester, conservation official, or member of the camping and conservation committee.