



Pathfinder's Name

Knot Tying

1. Define the following terms:
- | | |
|-------------------|-------------|
| a. Bight | f. Turn |
| b. Running end | g. Bend |
| c. Standing part | h. Hitch |
| d. Underhand loop | i. Splice |
| e. Overhand loop | j. Whipping |

2. Know how to care for rope.

3. Describe the difference between laid rope and braided rope and list three uses of each.

Laid	Differences	Uses
_____	_____	_____
_____	_____	_____
_____	_____	_____
Braided		
_____	_____	_____
_____	_____	_____
_____	_____	_____

4. Identify the following types of rope:
- | | |
|-----------|------------------|
| a. Manila | c. Nylon |
| b. Sisal | d. Polypropylene |

5. What are some advantages and disadvantages of synthetic rope?

Advantages _____

Disadvantages _____

- 6. Do the following to rope:
 - a. Splice
 - b. Eye splice
 - c. Back splice
 - d. Finish the end of a rope with a double crown, whipping, or a Matthew Walker's knot.
- 7. Make a six-foot piece of three-strand twisted rope from native materials or twine.

Materials Used _____

- 8. From memory tie at least 20 of the following knots and know their common uses and limitations. Demonstrate how they are used.

- | | |
|-----------------------------------|------------------------|
| ___ Anchor bend | ___ Lark's head |
| ___ Bowline | ___ Man harness knot |
| ___ Bowline on a bight | ___ Miller's knot |
| ___ Butterfly loop knot or Alpine | ___ Packer's knot |
| ___ Butterfly knot | ___ Pipe hitch |
| ___ Carrick bend | ___ Prusik knot |
| ___ Cat's paw | ___ Sheepshank |
| ___ Clove hitch | ___ Sheet bend |
| ___ Constrictor knot | ___ Slip knot |
| ___ Crown knot | ___ Slipped half hitch |
| ___ Double bow | ___ Slipped sheet bend |
| ___ Double sheet bend | ___ Square knot |
| ___ Figure eight | ___ Stevedore's knot |
| ___ Fisherman's bend | ___ Strangle knot |
| ___ Fisherman's loop | ___ Surgeon's knot |
| ___ Halter hitch | ___ Tautline hitch |
| ___ Hunter's bend | ___ Timber hitch |
| ___ Lariat or Bowstring knot | ___ Two half hitches |