



\_\_\_\_\_  
Pathfinder's Name

## Knot Tying

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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   |