



Pathfinder's Name

Knot Tying

1. Define the following terms:

a. Bight

b. Running end

c. Standing part

d. Underhand loop

e. Overhand loop

f. Turn

g. Bend

h. Hitch

i. Splice

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
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Braided		
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4. Identify the following types of rope:

- a. Manila
- b. Sisal
- c. Nylon
- d. Polypropylene

Date completed _____

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.

Date completed _____

- 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 |

Date completed _____

Instructor's Signature _____