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.

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4. Identify the following types of rope:
   a. Manila
   b. Sisal
   c. Nylon
   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

Date completed ____________  Instructor’s Signature ____________________

Knot Tying
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