Use this section for power words.

A bend is a knot that joins two different lines at their ends. Some bends work better than others for joining lines with certain characteristics (i.e. size, stiffness, material and so on).

Square Knot (Reef Knot) - A bend that is most commonly used to tie together the two ends of a single line, whether to close packages, hold a bandage in place, tie up wooden poles, or secure something that's unlikely to move much. The square knot is neither secure nor strong. It should never be used to join two different ropes or when safety is at all an issue.
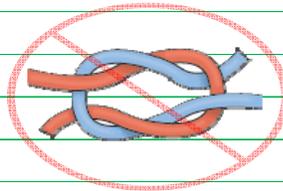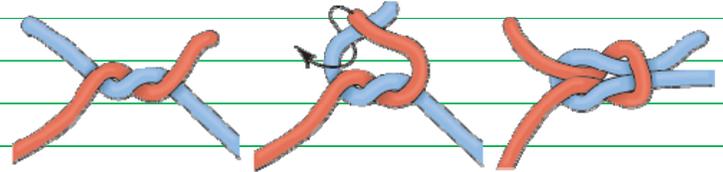
Granny Knot (Thief Knot) - When tying a square knot, it is very important that the working ends of each line in the knot both be on the same side. A square kont that has its two working ends on opposite sides is called a granny knot or thief knot. It is neither reliable or secure for any task. **DO NOT, UNDER ANY CIRCUMSTANCES, USE THIS KNOT.**

Sheet Bend - A bend used to combine ropes of different types, such as two ropes of slightly different widths. (if you need to join ropes of *significantly* different widths, use the double sheet bend.) The sheet bend is relatively secure and easy to tie and untie. Make sure to tie this bend so that the tails of each of the ropes are on the same side of the knot.
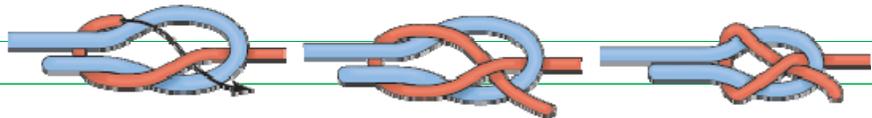
Double Sheet Bend - A more secure variant of the sheet bend, used to combine ropes of significantly different widths. To tie the double sheet bend, begin just as you would when tying a single sheet bend, then add a second loop.
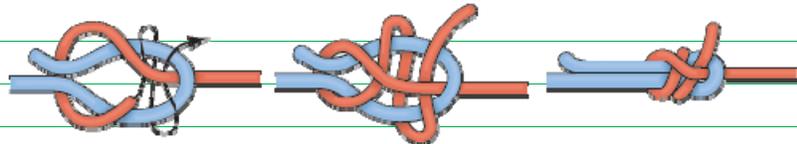
Homework: Memorize the types of bends. Practice these knots. Answer the following questions.

Questions:

1) What is the difference between the square knot and granny knot?

2) If I have two different size ropes, in theory, which bend should I use to join these two ropes together?