Stop a Rope Line from Unraveling

Common Whipping Knot

1.  
2.  
3.  
4.  
5.  
6.  

See: http://en.wikipedia.org/wiki/Common_whipping

Artificial-fiber rope.

Heat Fusing

1.  
2.  

See: The Boy Scout Handbook, pg. 34

Bind an Object

Using a single line.

Square Knot

Knot detail view

1.  
2.  
3.  
4.  
5.  
6.  

Right over left...

...left over right.
Join Two Lines

Lines of same diameter.

Square Knot

1. 

2. 

3. 

4. 

5. 

6. 

Lines of different diameters.

Sheet Bend

1. 

2. 

3. 

4. 

5. 

6. 

Tie a Loop at the End of a Line

A fixed size loop.

Bowline

1. Form the loop

2. twist away

3. 

4. 

5. 

6. 

An adjustable size loop.

Taut-line Hitch

1. 

2. 

3. 

4. 

5. 

6. slide

See: http://www.ropeworks.biz/archive/sheben.html
Tie a Line to a Post or Ring

Holds a line in one direction.

Two Half Hitches
Knot does not adjust

Holds a line in two directions.

Clove Hitch
Option 1:
Bottom-up, left to right - terminating line.

Option 2:
Bottom-up, right to left - terminating line.

Option 3:
Looping line over the end of a post.

1. Form loop over
2. Form loop under
3. Looping line over the end of a post

See: http://www.paddling.net/sameboat/archives/sameboat219.html
Tie a Line to a Piece of Wood

Knot is intentionally difficult to undo.

Timber Hitch

1. 

2. 

3. 

Lash Two Poles at a 45° to 90° Angle

Use at 90° only if gap exists between poles.

Diagonal Lashing

1. 

2. 

3. 

4. 

5. 

6. 

7. 

8. 

Square Lashing

1. 

2. 

3. 

4. 

5. 

6. 

See: http://www.ropeworks.biz/archive/daglas1.html
Lash Two Poles at a 0° to 45° Angle
Form a flexible joint to allow a scissors-leg motion.

Shear Lashing

1. 

2. 

3. 

4. 

5. 

6. 

7. 

8. 

9. 

10. 

Lash Three Poles Together
Form a flexible joint to allow a pyramid-leg bending.

Tripod Lashing

1. 

2. 

3. 

4. 

5. 

6. 

7. 

8. 

9. 

10. 

See: http://www.ropeworks.biz/archive/tripod.html