

# *“Knot Without Help”*

## **Game Package**



**4 x 6 Cards and Envelope Templates  
Found in separate document**

## **Knot Game Materials List for:**

**- 10 Game Stations**

**- 5 Game Sessions**

- 10 tables
- 10 28" x 34" cardboard game boards
- 10 Paper Boxes (5 ream size)
- 10 pencils
- 10 3' x 0.5" rope
- 10 2" x 8" wood dowel or natural wood limbs
- 20 three foot stakes
- 500 envelopes
- 500 4" x 6" index cards
- 1 whistle (to start and stop game)
- 1 stop watch
- 1 clipboard

## **Tools Needed**

- 1 Hammer
- 1 Stapler, heavy duty fabric type
- 1 Duct Tape
- 1 scissors

# GAME BOARD SURFACE

## Knot ID'er Task List

Return to your side of the playing field.

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**Untie the knot**

Put your envelope in the Box provided.

(Only one Patrol Member needs to do this)

Write your patrol name at the top of the answer sheet

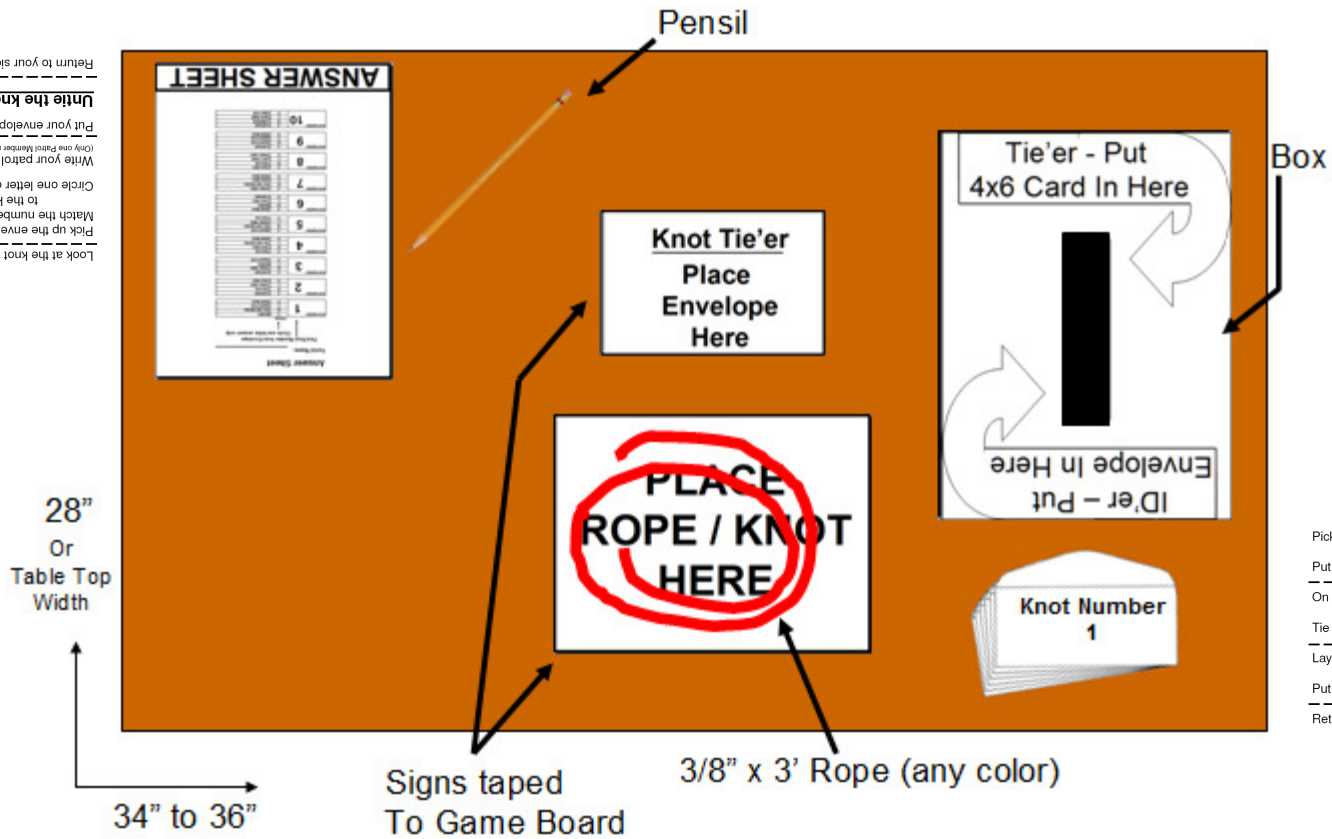
Circle one letter only (A, B, C, or D) for your answer

Match the number on your envelope

Pick up the envelope next to the knot.

Look at the knot tied and identify it.

**ID'er Tasks:**



**Tie'er Tasks:**

Pick up a numbered envelope & Remove a 4x6 card

Put the envelope down next to the knot Display Area

On the 4x6 card, Read the description of a knot

Tie the knot that you think is described

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Lay the knot down in the Display Area

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Put the 4x6 card in the box provided.

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Return to your side of the playing field

## Knot Tie'er Task List

# Knot Without Help

**You have:** **3 minutes to read the instructions;**  
**1 minute to divide your patrol and get into position for the start of the game**

**A whistle blast will indicate the start and the end of the game.**  
**At game's end – stop where ever you are at that time!**

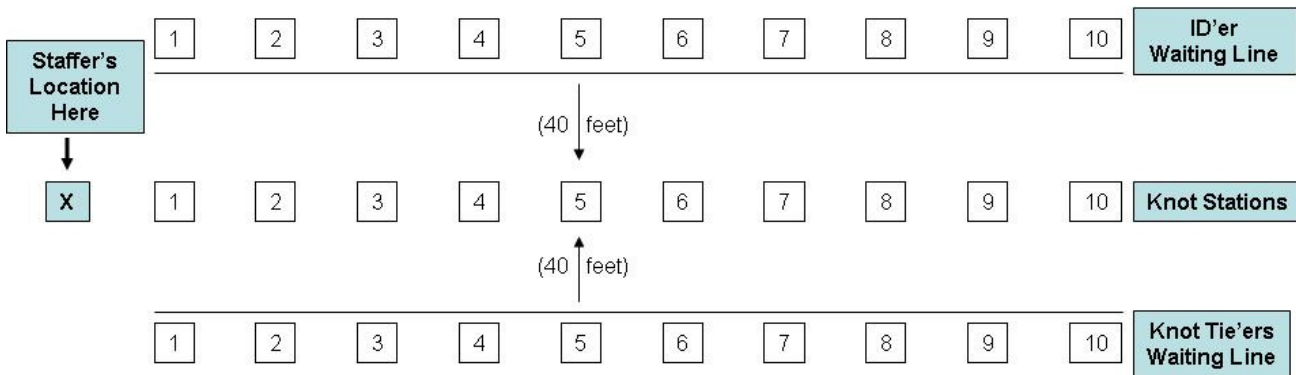
## **This is a relay game.**

One Patrol member ties a knot,  
and the next in turn identifies that knot and records an answer.  
You will alternate Tie'er and ID'er until all knots are done or time runs out.

## **How to Proceed:**

Divide your patrol putting half on each side of the playing field.  
If there is an odd number of patrol members, the odd member can pick their side.

From the staffer's position, Tie'ers to right & ID'ers to the left.



Only use the station number that your patrol has been assigned  
Do not communicate between Tie'ers and ID'ers in any way!

## **AT THE GAME START: Knot Tie'ers go first**

Knot Tie'ers will send one person at a time to the knot station.  
Follow the detailed step-by-step instructions found there.

After the Tie'er leaves the Knot Station,  
The ID'ers will send one person at a time to the knot station.  
Follow the detailed step-by-step instructions found there.

## **No one can go to the knot station if another patrol member is there!**

Regardless of your task (Tie'er or ID'er),  
when you finish your task, return to **your side** of the playing field.

**When all knots are completed and the last ID'er crosses their starting line,**  
**Gather your entire patrol on the ID'ers side of the field and yell your Patrol Cheer.**

**The game ends with a second whistle blast.**

You may use the Boy Scout Handbook as a resource.

# Tie'er Tasks:

Pick up a numbered envelope & Remove a 4x6 card

Put the envelope down next to the knot Display Area

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On the 4x6 card, Read the description of a knot

Tie the knot that you think is described

---

Lay the knot down in the Display Area

Put the 4x6 card in the box provided.

---

Return to your side of the playing field

# ID'er Tasks:

Look at the knot tied and identify it.

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Pick up the envelope next to the knot.

Match the number on your envelope

to the knot number on the answer sheet

Circle one letter only (A, B, C, or D) for your answer

Write your patrol name at the top of the answer sheet

(Only one Patrol Member needs to do this)

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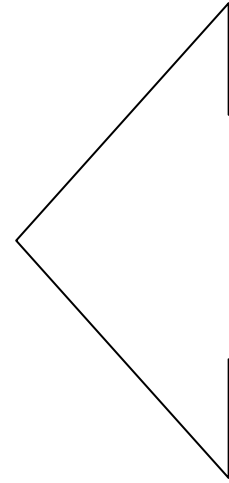
Put your envelope in the Box provided.

## Untie the knot

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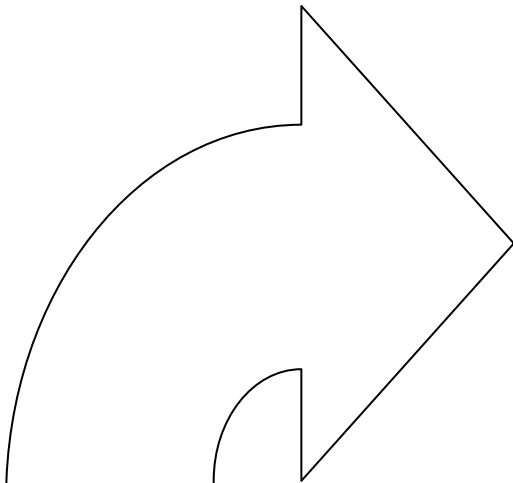
Return to your side of the playing field.

**ID'er – Put  
Envelope In Here**



**4x6 Card In Here**

**Tie'er - Put**



# Answer Sheet

Partol Name: \_\_\_\_\_

Find Knot Number from Envelope

Circle one letter answer only

Choices

|                         |   |                  |
|-------------------------|---|------------------|
| Knot Number<br><b>1</b> | A | Bowline          |
|                         | B | Two Half Hitches |
|                         | C | Square Knot      |
|                         | D | Sheet Bend       |

|                         |   |              |
|-------------------------|---|--------------|
| Knot Number<br><b>2</b> | A | Overhand     |
|                         | B | Taut-Line    |
|                         | C | Timber Hitch |
|                         | D | Clove Hitch  |

|                         |   |              |
|-------------------------|---|--------------|
| Knot Number<br><b>3</b> | A | Overhand     |
|                         | B | Timber Hitch |
|                         | C | Bowline      |
|                         | D | Square Knot  |

|                         |   |                  |
|-------------------------|---|------------------|
| Knot Number<br><b>4</b> | A | Taut-Line        |
|                         | B | Clove Hitch      |
|                         | C | Two Half Hitches |
|                         | D | Sheet Bend       |

|                         |   |                  |
|-------------------------|---|------------------|
| Knot Number<br><b>5</b> | A | Square Knot      |
|                         | B | Two Half Hitches |
|                         | C | Timber Hitch     |
|                         | D | Taut-Line        |

|                         |   |             |
|-------------------------|---|-------------|
| Knot Number<br><b>6</b> | A | Sheet Bend  |
|                         | B | Bowline     |
|                         | C | Clove Hitch |
|                         | D | Overhand    |

|                         |   |                  |
|-------------------------|---|------------------|
| Knot Number<br><b>7</b> | A | Timber Hitch     |
|                         | B | Two Half Hitches |
|                         | C | Clove Hitch      |
|                         | D | Sheet Bend       |

|                         |   |              |
|-------------------------|---|--------------|
| Knot Number<br><b>8</b> | A | Clove Hitch  |
|                         | B | Taut-Line    |
|                         | C | Lark's Head  |
|                         | D | Timber Hitch |

|                         |   |             |
|-------------------------|---|-------------|
| Knot Number<br><b>9</b> | A | Overhand    |
|                         | B | Square Knot |
|                         | C | Square Knot |
|                         | D | Sheet Bend  |

|                          |   |              |
|--------------------------|---|--------------|
| Knot Number<br><b>10</b> | A | Overhand     |
|                          | B | Underhand    |
|                          | C | Figure Eight |
|                          | D | Squire Knot  |



# Answer Sheet

Partol Name: **MASTER ANSWER SHEET**

Find Knot Number from Envelope

Circle one letter answer only

Choices

|                         |          |                  |
|-------------------------|----------|------------------|
| Knot Number<br><b>1</b> | A        | Bowline          |
|                         | B        | Two Half Hitches |
|                         | <b>C</b> | Square Knot      |
|                         | D        | Sheet Bend       |

|                         |          |              |
|-------------------------|----------|--------------|
| Knot Number<br><b>2</b> | A        | Overhand     |
|                         | B        | Taut-Line    |
|                         | <b>C</b> | Timber Hitch |
|                         | D        | Clove Hitch  |

|                         |          |              |
|-------------------------|----------|--------------|
| Knot Number<br><b>3</b> | A        | Overhand     |
|                         | B        | Timber Hitch |
|                         | <b>C</b> | Bowline      |
|                         | D        | Square Knot  |

|                         |          |                  |
|-------------------------|----------|------------------|
| Knot Number<br><b>4</b> | A        | Taut-Line        |
|                         | <b>B</b> | Clove Hitch      |
|                         | C        | Two Half Hitches |
|                         | D        | Sheet Bend       |

|                         |          |                  |
|-------------------------|----------|------------------|
| Knot Number<br><b>5</b> | A        | Square Knot      |
|                         | B        | Two Half Hitches |
|                         | C        | Timber Hitch     |
|                         | <b>D</b> | Taut-Line        |

|                         |          |             |
|-------------------------|----------|-------------|
| Knot Number<br><b>6</b> | <b>A</b> | Sheet Bend  |
|                         | B        | Bowline     |
|                         | C        | Clove Hitch |
|                         | D        | Overhand    |

|                         |          |                  |
|-------------------------|----------|------------------|
| Knot Number<br><b>7</b> | A        | Timber Hitch     |
|                         | <b>B</b> | Two Half Hitches |
|                         | C        | Clove Hitch      |
|                         | D        | Sheet Bend       |

|                         |          |              |
|-------------------------|----------|--------------|
| Knot Number<br><b>8</b> | A        | Clove Hitch  |
|                         | B        | Taut-Line    |
|                         | <b>C</b> | Lark's Head  |
|                         | D        | Timber Hitch |

|                         |          |             |
|-------------------------|----------|-------------|
| Knot Number<br><b>9</b> | <b>A</b> | Overhand    |
|                         | B        | Square Knot |
|                         | C        | Square Knot |
|                         | D        | Sheet Bend  |

|                          |          |              |
|--------------------------|----------|--------------|
| Knot Number<br><b>10</b> | A        | Overhand     |
|                          | B        | Underhand    |
|                          | <b>C</b> | Figure Eight |
|                          | D        | Square Knot  |

# Staff tracking and scoring sheet for each period

Period # \_\_\_\_\_

Position

| #  | Patrol Name | Time | Knots completed |
|----|-------------|------|-----------------|
| 1  |             |      |                 |
| 2  |             |      |                 |
| 3  |             |      |                 |
| 4  |             |      |                 |
| 5  |             |      |                 |
| 6  |             |      |                 |
| 7  |             |      |                 |
| 8  |             |      |                 |
| 9  |             |      |                 |
| 10 |             |      |                 |
| 11 |             |      |                 |

## **"Knot without Help" Scoring**

Give Points for number of correct answers on answer sheet

If more than one patrol gets the same number of correct answers,  
use completion time as a tie breaker.

**1**

**2**

**3**

**4**

5

6

7

8

**9**

**10**