

QUIPU AS 40

Museum identification: unnumbered (Museo Nacional, Lima Peru)

Main cord: color W

§ 5.9 cm: group of 9 pendant cords (1-9), then space of 1.0 cm.

8.0 cm: group of 9 pendant cords (10-18), then space of 1.0 cm.

11.0 cm: group of 9 pendant cords (19-27), then space of 16.0 cm.

29.9 cm: end

Cord	Knots (no., type, position)	Length	Color	Value	Subsidiaries (no., position)
1	6s(8.0); 3L(16.0)	37.0ç	W	63	1:2.5
1s1	1s(4.5)	26.5ç	W	10	
2	5s(8.0); 2L(15.5)	38.5ç	W	52	
3	6s(8.5); 3L(16.0)	32.0ç	W	63	
4	2s(7.5); 3L(15.5)	35.5ç	LB	23	1:2.5
4s1	3L(12.0)	27.0ç	LB	3	1:0.0
4s1s1	1E(12.0)	29.0ç	W	1	1:0.0
4s1s1s1	1E(12.0)	20.0	W	1	
5	4s(8.5); 5L(16.5)	29.5ç	LB	45	1:3.0
5s1	4L(13.0)	26.5ç	LB	4	1:0.5
5s1s1	2L(12.0)	27.5ç	W	2	
6	6s(9.0)	35.5ç	LB	60	1:2.5
6s1	2L(13.0)	28.0ç	LB	2	1:0.5
6s1s1	2L(12.0)	26.5ç	W	2	
7	1s(2.5); 8L(16.5)	33.5ç	LB	108	1:2.0
7s1	1E(15.0)	27.0ç	LB	1	
8	4s(8.0)	39.0ç	LB	40	1:2.0

Cord	Knots (no., type, position)	Length	Value	Subsidiaries (no., position)	
8s1	2L(13.0)	24.0¢	LB	2	
9	4s(8.5);6L(16.5)	36.5¢	LB	46	1:2.0
9s1	2L(13.5)	28.5¢	LB	2	
10	4s(8.0)	37.0¢	W	40	1:2.5
10s1	7L(13.0)	25.5¢	W	7	
11	5s(8.0);1E(15.0)	37.0¢	W	51	
12	6s(8.0);9L(16.0)	26.5¢	W	69	
13	-	47.0¢	LB	0	1:2.0
13s1	2L(11.0)	28.0¢	LB	2	
14	6s(8.0);4L(15.5)	38.5¢	LB	64	1:2.0
14s1	2L(12.5)	27.5¢	LB	2	
15	6s(8.0);4L(15.5)	33.0¢	LB	64	1:2.0
15s1	1E(14.0)	29.0¢	LB	1	
16	6s(7.5);5L(15.0)	26.5¢	LB	65	1:2.5
16s1	-	5.0b	LB	?	
17	1E(13.5)	31.5¢	LB	1	1:2.0
17s1	7L(14.5)	31.5%	LB	7	
18	3s(7.5);1E(15.5)	30.5¢	LB	31	
19	-	41.0¢	W	0	1:2.0
19s1	2s(5.0)	28.5¢	W	20	
20	4s(8.0);6L(16.0)	33.0¢	W	46	
21	6s(8.0);6L(16.0)	28.0¢	W	66	
22	-	46.0¢	LB	0	
23	4s(8.0);6L(16.0)	35.0¢	LB	46	
24	8s(8.0);2L(15.5)	35.5¢	LB	82	

Cord	Knots (no., type, position)	Length	Value	Subsidiaries (no., position)
25	7s(8.5);4L(16.5)	31.5¢	LB	74
26	6s(8.0);3L(16.0)	29.0¢	LB	63
27	2s(7.5);3L(16.0)	34.0¢	LB	23

Observations

- There are 3 groups of 9 pendants each by spacing. Each group has the same color pattern and is divided into subgroups by color: 3W followed by 6LB. Within each of the 3 groups, positions 2 and 3 have no subsidiaries, and position 1 has 1 subsidiary. Subsidiaries in position 1 are W, and the subsidiaries in positions 4-9 are LB. Hence, W pendants have W subsidiaries, and LB pendants have LB subsidiaries.
- The 27 pendant values range from 0 to 108. Many are repeated more than once: 0 is present 3 times; 23 twice; 40 twice; 46 three times; 63 three times; and 64 twice. So, in all, there are 18 different values. All 8 values that are 63 or above can be represented as the sum of two other pendant values and all 8 values 51 or below can be part of such an addition. Also, in both Groups 1 and 2: $P_4 + P_5 + P_8 = P_7$.