

Diagram illustrating a sequence of 17 moves (1 to 17) for a 6-disk Tower of Hanoi problem, showing the state of the disks (1-6) and the sequence of moves (e.g., 5-6, 3-2, 4-3) for each move.

The sequence of moves and disk states is as follows:

- Initial state: Disks 1-6 are in a specific configuration.
- Move 1: 5-6
- Move 2: 3-2
- Move 3: 4-3
- Move 4: 1-2
- Move 5: 5-4
- Move 6: 3-2
- Move 7: 3-4
- Move 8: 1-2
- Move 9: 2-3
- Move 10: 5-4
- Move 11: 1-2
- Move 12: 3-2
- Move 13: 2-3
- Move 14: 6-5
- Move 15: 5-6
- Move 16: 5-4
- Move 17: 1-2

The final state shows the disks in a specific configuration, indicating the completion of the sequence.