PICK-UP STICKS PUZZLE SHEET
in this puzzle each stick can be picked up only when no other stick lies on top of it. Can you work out the sequence in which to pick up all twenty sticks? Also, how many different lengths are represented?

Answer
There are two different lengths—ten long and ten short. Each color comes in two lengths. The sequence that removes them all is short yellow, short orange, short red, short pink, short purple, short light green, short dark green, long light blue, short dark blue, long yellow, long orange, long red, long pink, long purple, long light green, long dark green, short light blue, long dark blue, short violet and long violet.
(See also: Pick Up Sticks Game)