TRIADS

We have 81 cards with symbols which differ by

- · Shape
- one two three · humber
- · color red green blue
- · brightness full shaded 1 empty [

We pick k courds from the stack by random. We place them on the babbe face up and we look for treads

TRIAD

is a triple of cards s.t. For every property have the cards . all same

. all different values

EXAMPLE :







TRIAD







NOT A TRIAD

QUESTION:

· What is the largest K s.t. we can pick K cards with no triad among them?

or equivalently L=k+1

· What is the smallest & s.b. we pick any & cards and there has to be a briad among them?