

Building Bridges

The Akeyuri bridge allows traffic to cross the Tieri river in New Zealand.

It is a suspension bridge with cables supporting the road.

You are going to calculate the amount of cable in the bridge.

Unfortunately, you don't know what it looks like!

Some information about the bridge is given on the cards.

- Deal out the cards
- Take it in turns to select one piece of information that you think is important and read it to the rest of the group
- You can write something down on the group's answer sheet but you must not show anyone any of your cards (even after you have read them out)
- As a group, try to get a sketch of the bridge and then calculate the amount of cable

What is the least number of cards needed to solve the problem?