



# GIANT CATENARY ARCH.

phaeno

da staunst du.



**ASSEMBLE** the numbered pieces into a free-standing arch. You will need others to help you do this.

The best way is to **START** from both sides and to put the top piece on last.

The parts of the arch are unstable while it is being built. Gravity threatens to collapse the incomplete arch. However, as soon as the arch is complete, it is stable.

The forces on the arch are passed from one section to another until they reach the ground. The individual parts push against each other and resist gravity.

