

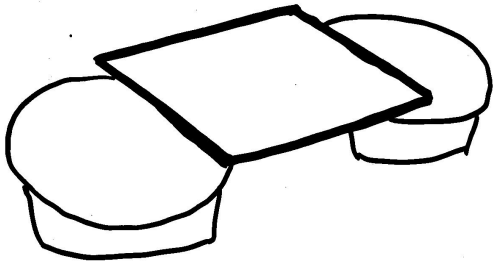
Testing bridges

How many pennies can each kind of bridge hold before collapsing?

1. Make each bridge from 2 pieces of paper.
2. Add pennies one by one to a pot in the centre of the bridge.
3. Count the pennies in the pot when the bridge collapses.

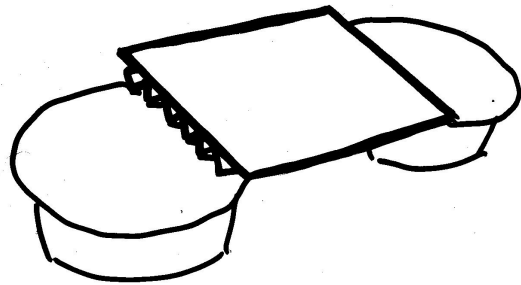
The **beam bridge** can hold

_____ pennies



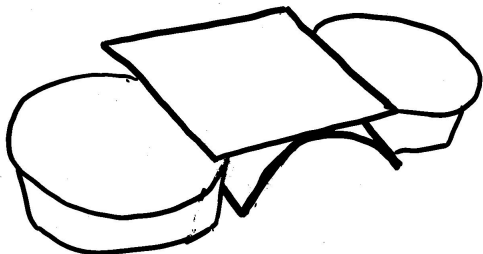
The **truss bridge** can hold

_____ pennies



The **arch bridge** can hold

_____ pennies



Design another bridge.

How many pennies can it
hold? _____