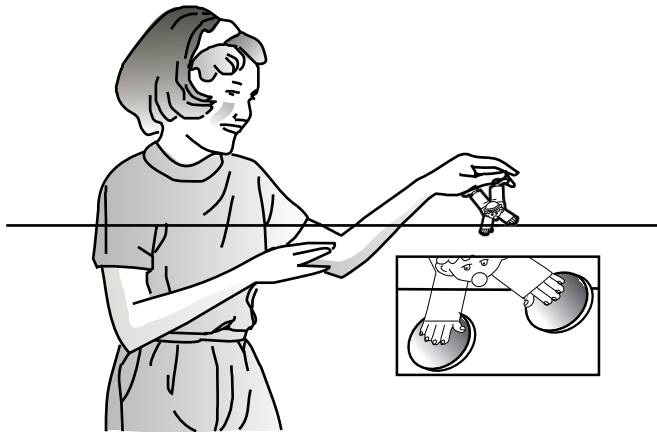


BALANCING CLOWNS

1. Cut out a clown shape from the sheet provided and colour it in.



2. Try and balance your clown on a taut piece of string.

3. Now try attaching two metal washers to the clown to help it balance.

Which position do you think is best?

IDEAS TO INVESTIGATE

- Can you make the clown balance upside down on the rope?
- Can you use the metal washers to make any other shapes balance?
- Can you balance the clown with only one washer?
- Can you design any other balancing shapes?
- Can you design another shape that could 'rock' on the string?
- Does the number of washers or the weight change how long your shape rocks?
- Write a design report to a local toy company explaining how they could design a toy which could be used for balancing tricks.

Balancing clowns template for cutting out

