



Balance



Scales

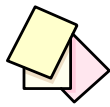


Materials



Needed:

2



paper

or



plastic cups



String



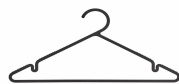
(the thicker



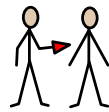
the better)



Hole punch



Notched coat hanger or



you



could



use



a hanger



with



clips



Instructions

1 Use a hole punch to make holes in **2** small paper or plastic cups.

2 Punch **2** holes in each cup. Make the holes close to the rim of the cups

+ and on opposite sides.






2 Cut **2** pieces of string that are each about **1** foot / 30cm long. Any







kind of string will work. Make sure they are the same length.







3 Tie the ends of the string through the holes in the cups. Use **1**







piece of string per cup. When you're finished, the string pieces should form







thin handles on the cups, like the cups are little buckets.





4  Use a  notched clothes hanger and  hang the  buckets on the  clothes

 hanger using  the  string handles. Hang  the  cups on  opposite sides of the

 clothes hanger in  the notches. Both  buckets should be hanging at the same  level  as 

 level — if **1**  is higher than the  other,  adjust the  string handles. 

5  look for  objects to  put on the  scale. Any kind of  object will work, as 

 long as it's  small enough to  fit in the  buckets.

6 **?**  Have fun  weighing  different  objects

