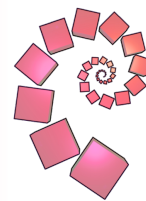


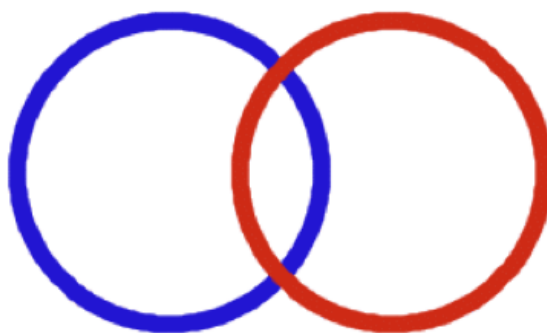
Bean Bags



You can do this with hoops and 8 bean bags if there are any around.

If not, use the circles for hoops and counters for bean bags instead.

What you have to do:



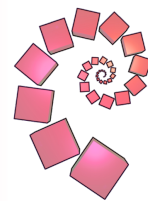
1. Using two hoops as in the picture, place the 8 bean bags into the hoops so that there are 4 in the blue hoop and 6 in the red hoop.

How many bags need to be in the overlap?

2. Now try with 2 in the blue hoop and 7 in the red hoop.
How many bags need to be in the overlap now?

Turn to the next page for more challenges!

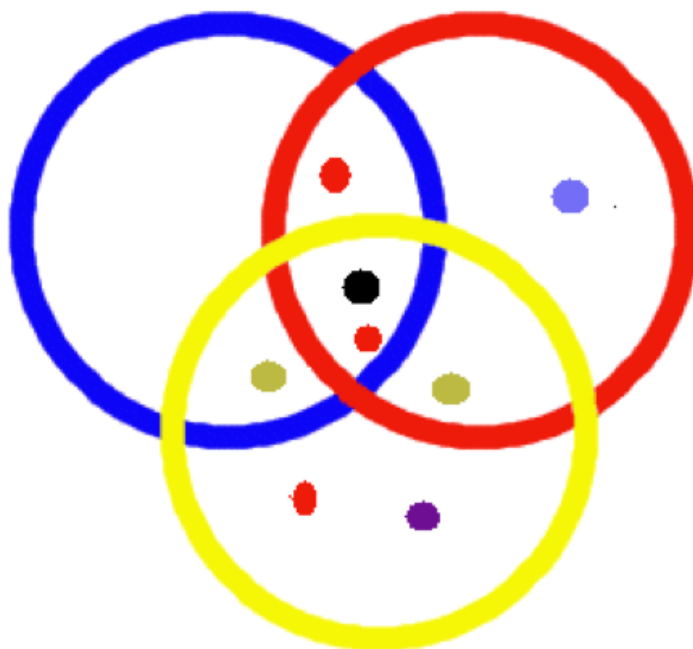
Bean Bags



Continued...

3. Now use three hoops, with the 8 bean bags

The picture shows 4 bean bags in the blue hoop, 5 in the red and 6 in the yellow.



Find at least two more ways to put 4 in the blue hoop, 5 in the red and 6 in the yellow.

(If you'd like to record your answers please ask for a whiteboard and pen.)