



# Ring the Changes

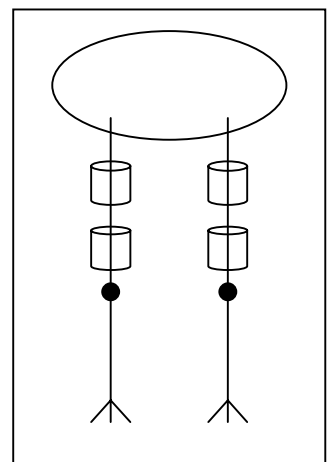
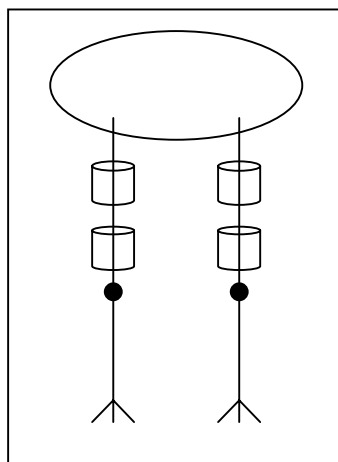
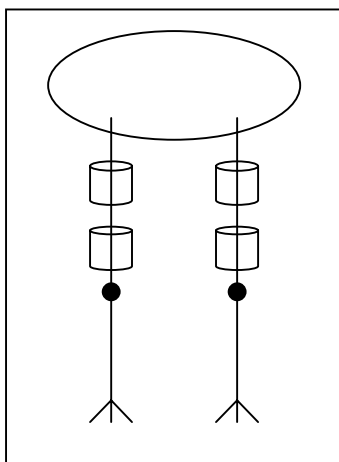
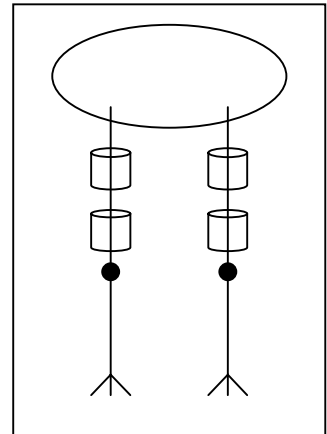
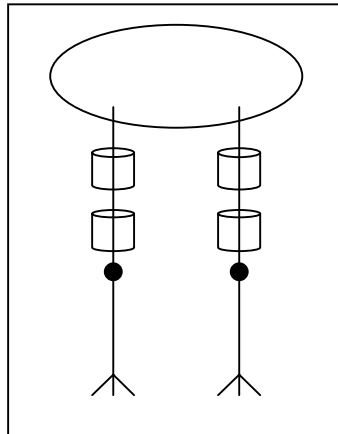
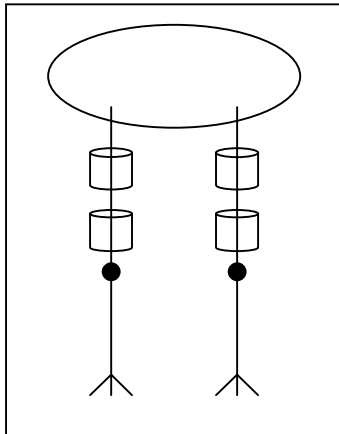
Greenshanks are fitted with 4 coloured rings on their legs. 8 different colours are used, and there may be two rings above the leg joint or one below it.

red                      dark green                      black                      lime green  
 orange                      blue                      white                      yellow

How many different combinations are there?

Start with 2 colours, and rings above the joint as in the pictures below.

How many colours would you need to 'ring' all your classmates?



Now try the next sheet which has more greenshank 'legs' for you to colour code.

