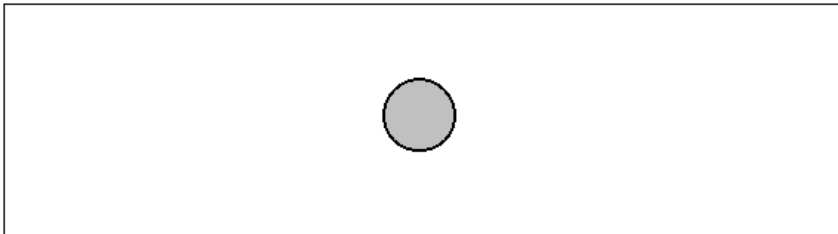# Drawing motion

This task is about drawing pathways of motion.

a) Two joggers run side-by-side, always staying exactly 1 m apart. The path of the first jogger has been drawn for you.
Draw the path of the second jogger. Scale 1 cm = 1 m.

b) Barriers keep people at a distance of 1 m from a priceless statue. The statue has been drawn for you as a circle.
Draw the path of someone walking around the statue keeping as close to the barrier as they can. Scale 1 cm = 1 m.

c) Simon is swimming around a 10 m by 4 m wharf always keeping at a distance of 1 m from the wharf. The wharf has been drawn for you as a rectangle.
Draw the path Simon takes as he swims around the wharf. Scale 1 cm = 1 m.