

$n = 40$

A diagram showing a curved path of blue circles connected by a black line, with a green line segment at the end.

A diagram showing a sequence of blue circles connected by a black line, with a green line segment at the end.

A diagram showing a polymer chain with blue spheres representing beads. A green line traces a path through the chain, starting from the bottom left, moving horizontally, then diagonally upwards, and finally vertically upwards at the right end.