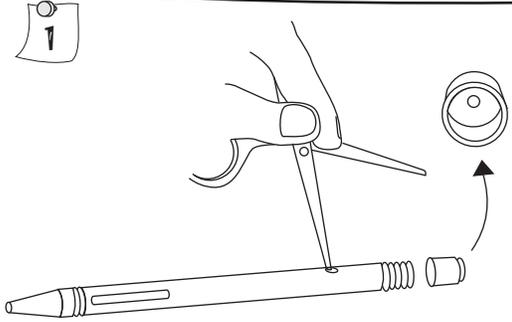
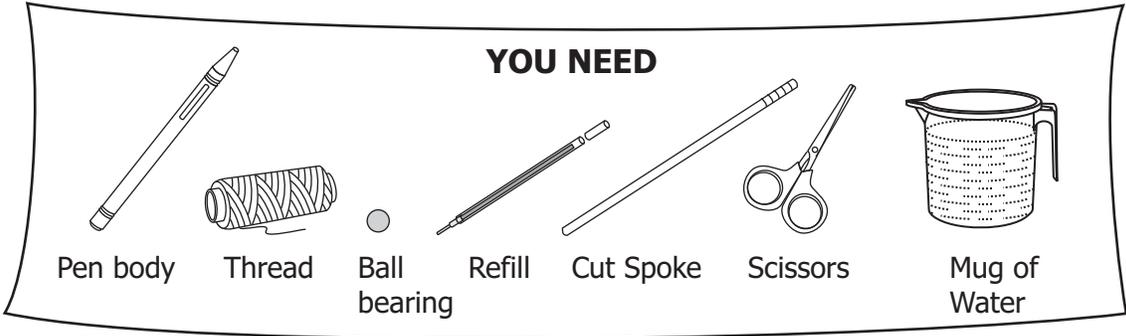
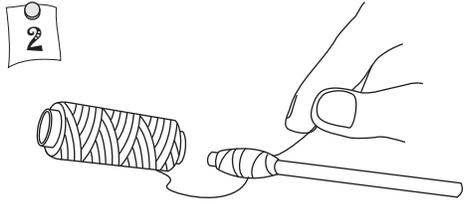


PEN PUMP

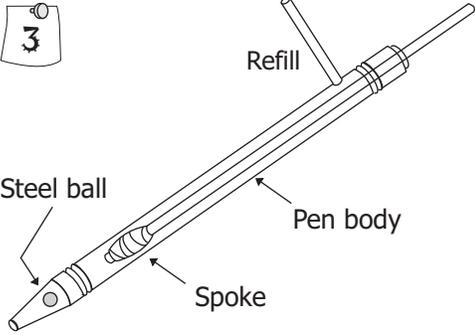
YOU NEED



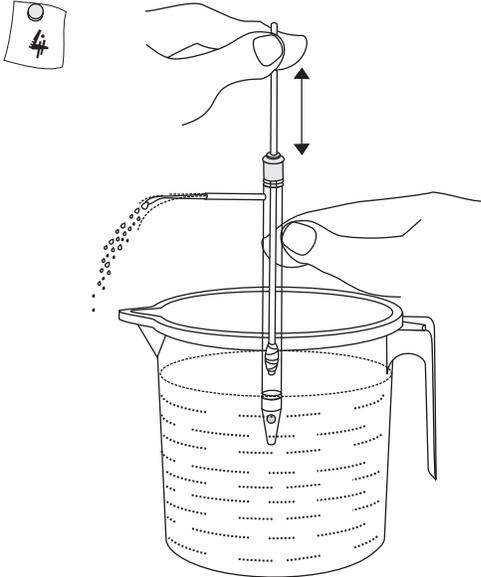
1
Make a hole in the end cap of an old pen so that a bicycle spoke can move freely in it. Make a small hole in the body of the ball pen for the delivery pipe.



2
Tightly wrap thread on the cycle spoke to make a piston.



3
First drop the ball in the pen. Then insert the spoke-piston and finally screw the end cap. The refill should be inserted in the pen body in the end.



4
Place the Pen Pump in a mug of water and move the bicycle spoke-piston up and down. After a few strokes water will come out with a gush from the delivery pipe.