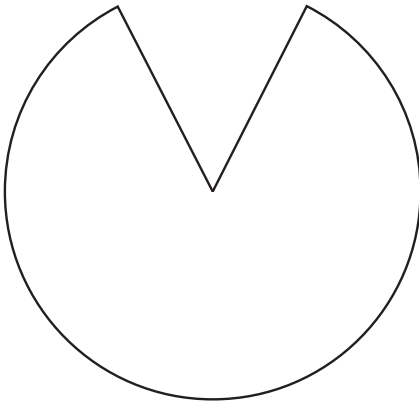
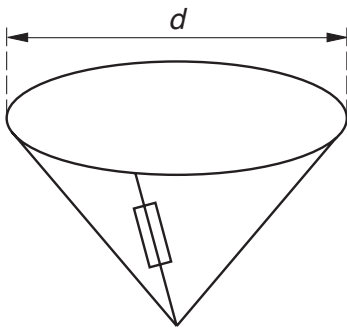


Cut a sector out of a piece of filter paper as shown



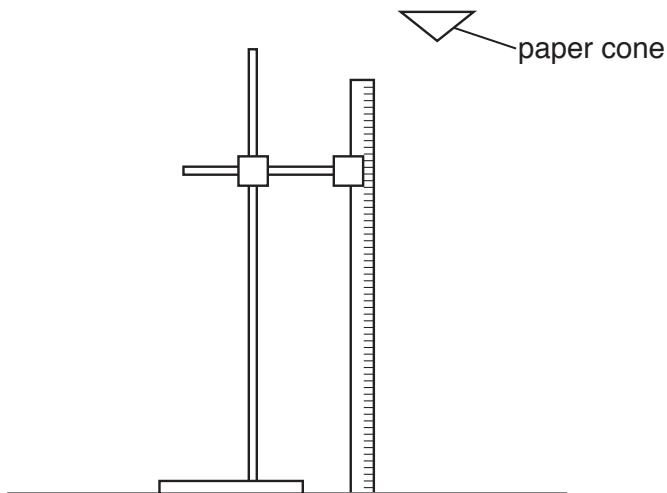
Tape the straight edges of the paper together to produce a cone, as shown



Measure and record the diameter d of the cone.

Mount a metre rule vertically using a stand, boss and clamp.

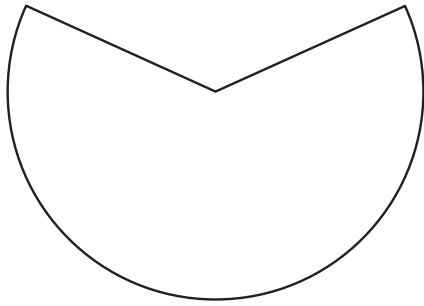
Release the cone from a short distance above the top of the metre rule, as shown



Make and record measurements to determine the time t for the cone to fall through a distance h from the top of the metre rule.

Calculate the terminal velocity v of the cone.

Remove the tape from the paper and cut away a larger sector as shown



Repeat the above process from the start for a new diameter d of the cone.