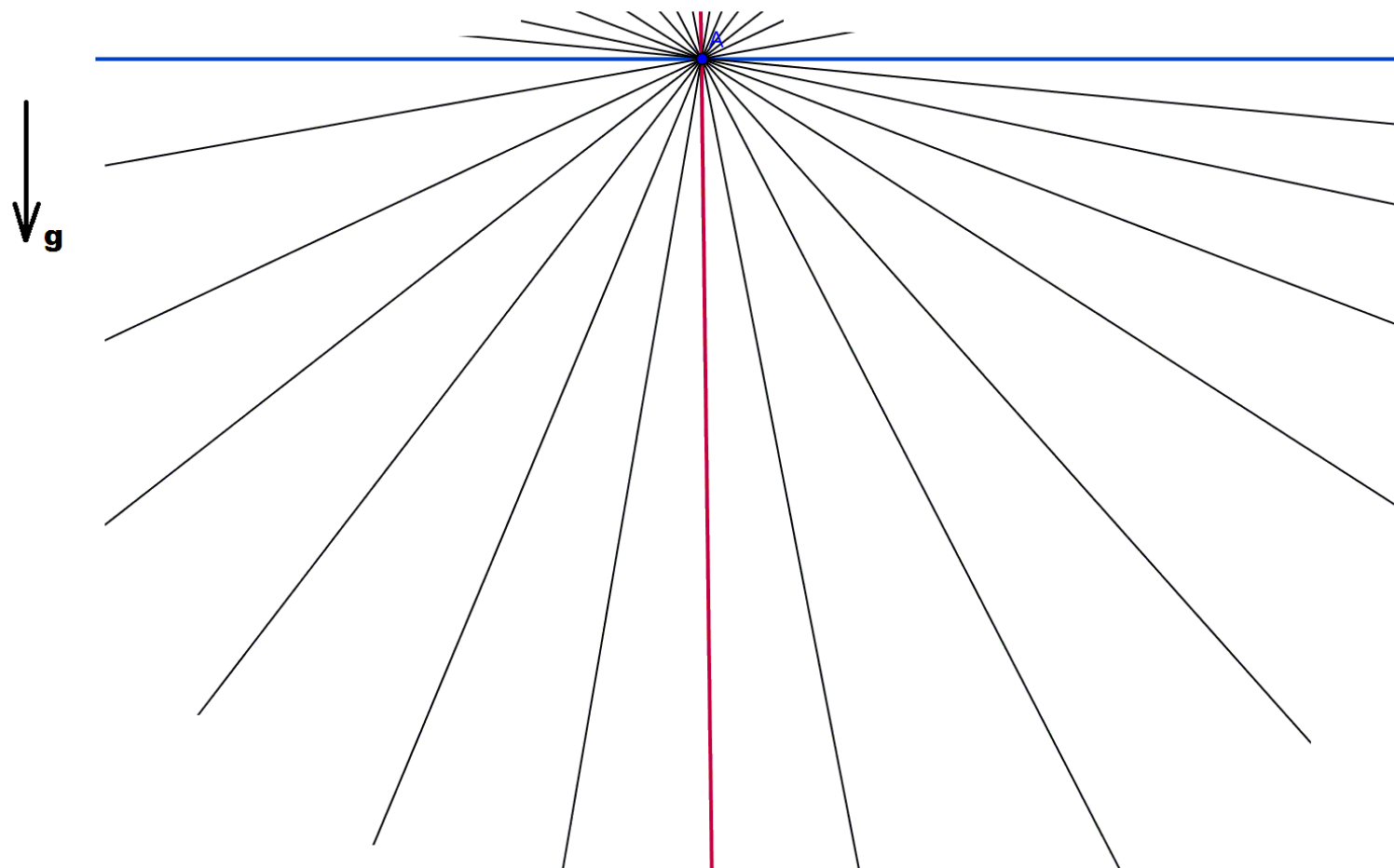


# Falling Beads



You have a large number of knitting needles and thousands of beads which can slide along needles without friction. All beads are released from rest at the same time from a point A to slide down the needles.



Find a shape which is formed by the beads after time  $t$ .

Describe how this shape is changing with respect to time.

Thousands more problems can be found on the NRICH Maths website:

<http://nrich.maths.org>