



# DINO'S DYNAMOS

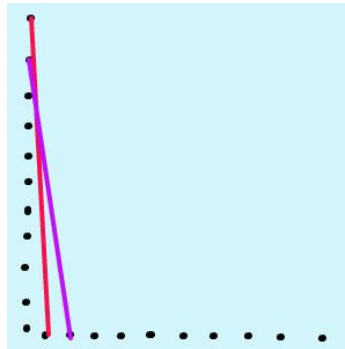
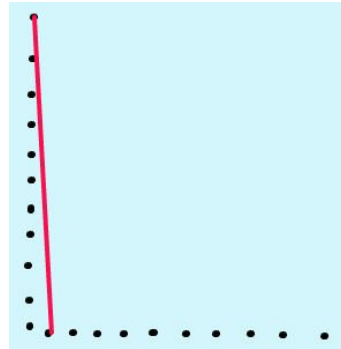
## PUZZLE

### Can Straight Lines Make a Curve?

#### You will need is:

- Paper
- Pens (ideally different colours)
- Ruler

**Step 1:** Using your ruler, plot ten points 1cm apart going horizontally. Do the same again but going vertically upwards. Draw a line to match the top point with the first horizontal point (see red line on diagram).



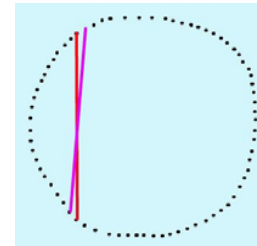
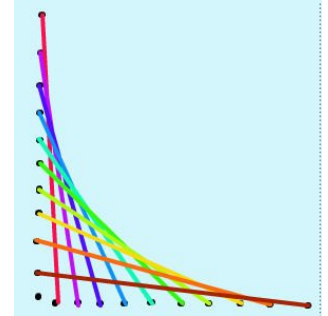
**Step 2:** Do the same again but with the next point down and the next point across (see purple line on diagram).



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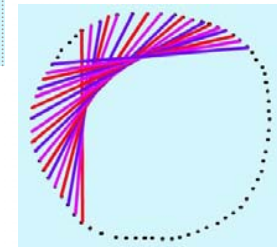
## PUZZLE

**Step 3:** Continue drawing the lines by going down a point on the side and along a point on the bottom. You will make a curve using only straight lines!



**IDEA!** You can then use different shapes to make different patterns.

Try starting with a circle like in the diagrams here.



This heart was made by starting with many overlapping rectangles.

