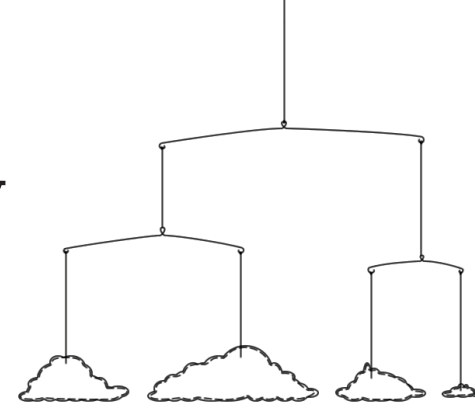
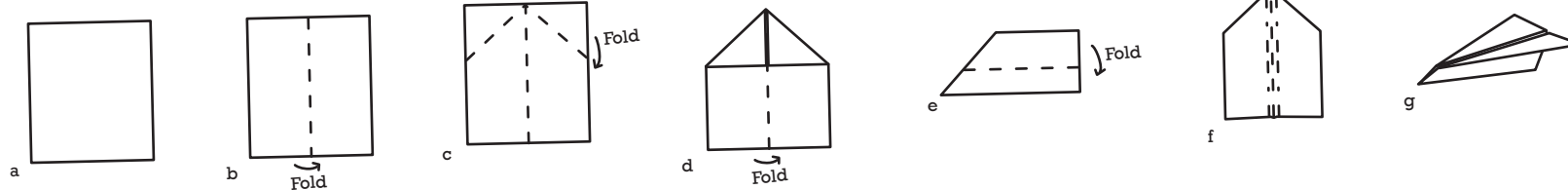


Two great ways to see how size is relative is by trying the experiments below.

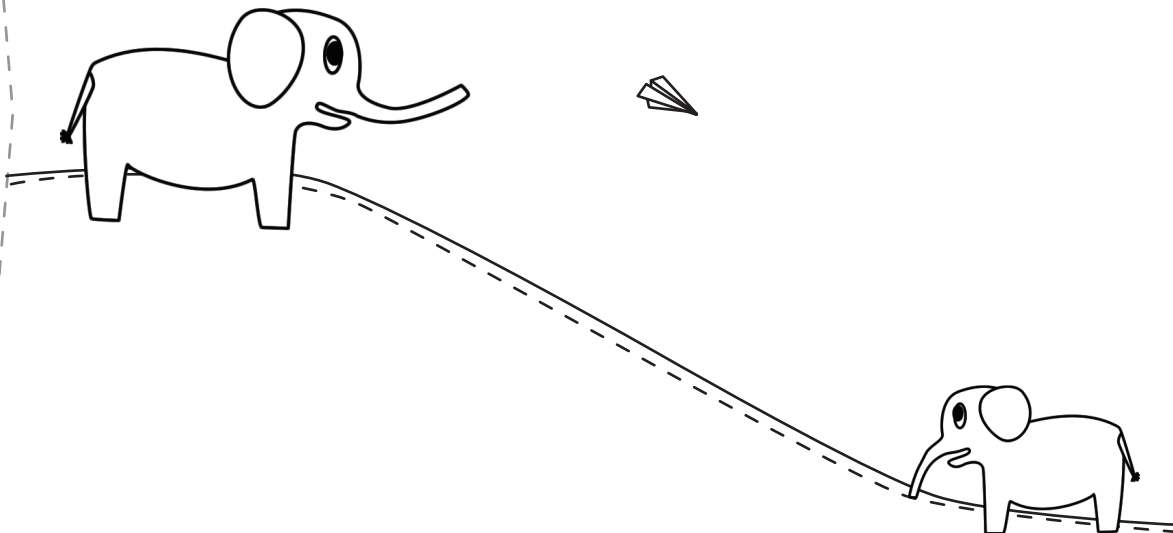


Experiment 1

Step 1. Make a paper plane.



Step 2. Stand in a place where you can throw the plane without hitting anyone or anything.



Step 3. Go on, throw it as far as you can.

When you throw the plane does it get bigger or smaller the further away from you it goes?

If you have a friend to catch the plane, can they tell you if the plane gets bigger or smaller as it comes towards them?

What happened?



Experiment 2

In the book *How BIG is BIG?* we measured some of the things that we saw using elephants as well as in centimetres and metres.

Make up your own measuring system to see how big things are.

A simple way to get started would be to get a friend to help you measure how many of **YOU** it takes to be the same length as something.

You could lay on the ground with your feet against a wall and see how many of you it takes to reach the other side of the room.

Get your friend to place a marker where the top of your head is, then get up and put your feet next to marker as you lay down again.

Then your friend can get another marker and put it next to your head again.

You keep doing this till you reach the other side of the room.

Now count how many times you had to lay down to go from one side of the room to the other.

How many 'YOU's' long is the room?

Now swap with your friend and measure them going across the room.

Does it take more or less markers for your friend? Is the room bigger or smaller for one of you?

