

Which parachute floats the longest?

This task is about doing a fair test.

Use the materials listed below to make three parachutes which measure: 15 cm × 15 cm, 25 cm × 25 cm, 35 cm × 35 cm. Materials: plastic supermarket bags, string, plasticene, cellotape; object to be attached to parachute.

- a) Make a drawing of what your parachutes will look like in the space below. Label important details on your parachutes.



- b) Each parachute is to be tested 4 times. What are **two** things that need to be kept the same, so that this is a fair test?

1. _____

2. _____

- c) Why do we test each parachute 4 times?

- d) i) Test your parachute.

Record your results in the table below.

Parachute size	Time: 1st test	Time: 2nd test	Time: 3rd test	Time: 4th test
15 cm × 15 cm				
25 cm × 25 cm				
35 cm × 35 cm				

- ii) Write a sentence about what your results show.
