Science and technology · Grade 6

Plan a fair test

Read or look closely

We want to compare how the shape of a paper parachute affects its fall. We use the same paper, mass and starting height.

Answers

1. Which variable should change?

The parachute's shape.

2. What can we measure to compare the falls?

Time to fall.

3. In the parachute tests, name two things to keep the same when you change the shape.

For example, mass and starting height.

4. Mila changes the starting height too. Why is that a problem?

We cannot tell which difference explains the result.

5. Why test each shape more than once?

To see whether the results repeat and reduce the effect of an unusual trial.