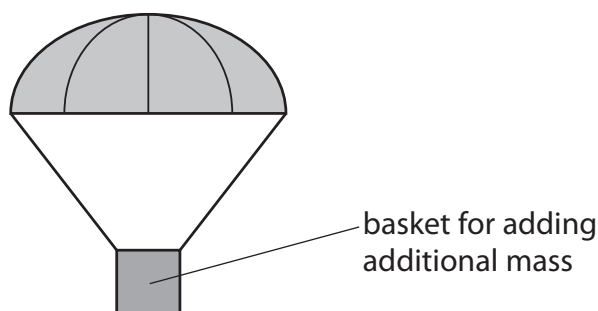


- 6 A student investigates the motion of different falling masses by measuring the time taken for a toy parachute to fall from a window.



This is the student's method.

- measure the mass of the toy parachute
- drop the toy parachute from the window
- repeat the experiment with additional mass added to the toy parachute
- continue to add mass up to a maximum of six different masses

- (a) Describe how the student should measure the time taken for the toy parachute to fall from the window.

(2)

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- (b) State the independent and dependent variables in this investigation.

(2)

independent variable

dependent variable

- (c) State one factor that the student should keep constant in order to make his investigation valid (a fair test).

(1)

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