



Name: Form:

See pages 20 and 21 of *Forces in action*

The force of air

Air can slow things down, but fast-moving air can also be an important lifting force.

Q1. (i) In the space, draw a person hanging from a parachute.

(ii) Draw an arrow to show the direction in which the air pushes back against the falling parachute.

(iii) Draw an arrow to show the direction of the weight of the person and parachute.

(iv) Why does a parachute always sink?






Q2. What does air do as we walk about?



Q3. What does the air do if an object moves quickly through it?





Q4. What is the name of the machine that squashes air into a space beneath it so it can move? 

Q5. What is the upward force on a wing as it moves through the air?



Q6. Why does a wing need to move quickly to make an aircraft fly?



