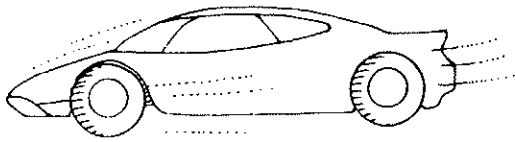


# Air Resistance

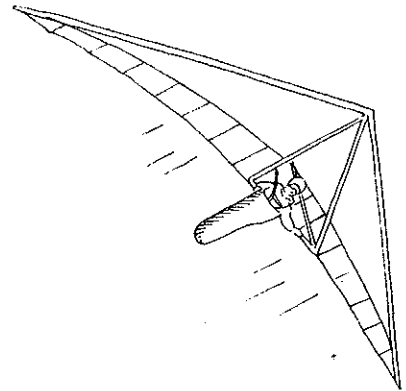
If two objects, one heavy and one light, are dropped simultaneously from a great height, they will both hit the ground at the same time. This is because gravity exerts the same pull on all objects. However, air resistance, or the friction from the air, can affect how things fall. If a wad of paper and a sheet of paper are dropped, the wad will reach the ground first because there is less air resistance. Label each illustration as an example of **Using Resistance** or **Reducing Resistance**. Then explain how you know.

1



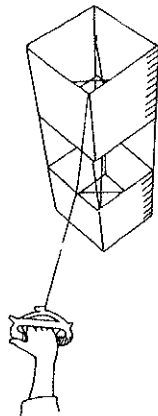
How? \_\_\_\_\_  
 \_\_\_\_\_

2



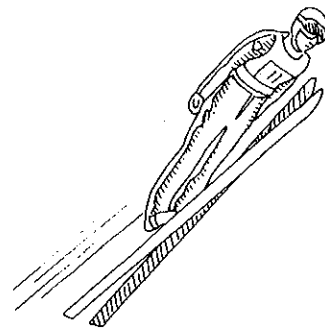
How? \_\_\_\_\_  
 \_\_\_\_\_

3



How? \_\_\_\_\_  
 \_\_\_\_\_

4



How? \_\_\_\_\_  
 \_\_\_\_\_