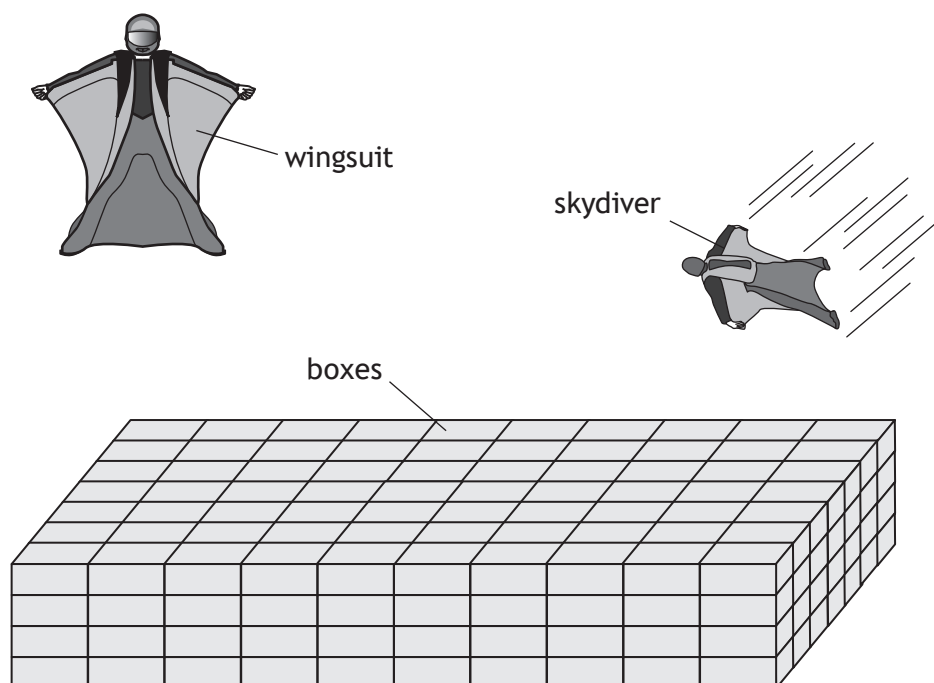


4. In 2012, a record was set for a stunt involving the highest skydive without deploying a parachute.

The person jumped from a helicopter at an altitude of 730 m above the ground. They 'flew' in a specially designed wing suit, at speeds of up to  $130 \text{ km h}^{-1}$ , for nearly 1.5 km before landing safely on empty cardboard boxes.



Using your knowledge of physics, comment on the challenges involved in carrying out the stunt successfully.

3

4. (continued)

DO NOT  
WRITE IN  
THIS  
MARGIN

