Name _____ **Class** _____ **Date** _____

1 The drawing shows some people base jumping (using parachutes to jump off solid objects).

Draw labelled arrows on the diagram to show where the following forces are in action.

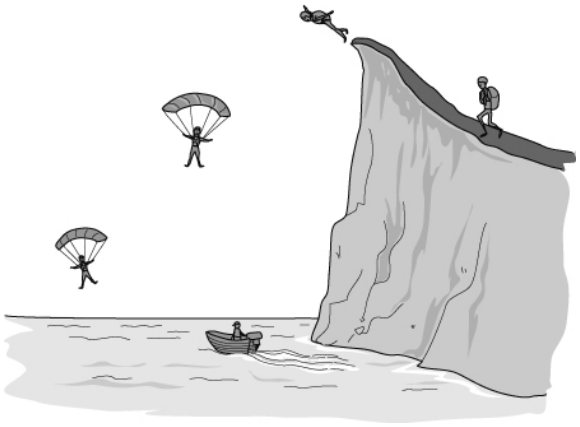
a air resistance (label this arrow A)

b friction (label this arrow F)

c gravity (label this arrow G)

d water resistance (label this arrow W)

e upthrust (label this arrow U).



2 **a** Which force mentioned in question 1 is a non-contact force?

_____

b Name *two* other non-contact forces.

_____

_____

3 Some of these statements describe mass, some describe weight, and some apply to both. Tick the correct boxes in the table.

	Mass	Weight	Mass and weight
a The amount of matter in an object.			
b Measured in newtons.			
c The size of the gravity force pulling down on something.			
d Measured in kilograms.			
e This would not change if an object was taken to the Moon.			
f This would get smaller if an object was taken to the Moon.			
g Gets less when you go to the toilet.			
h Increases when you eat something.			

I can…

- identify places where different forces are found
- classify forces as contact and non-contact
- explain the difference between mass and weight.