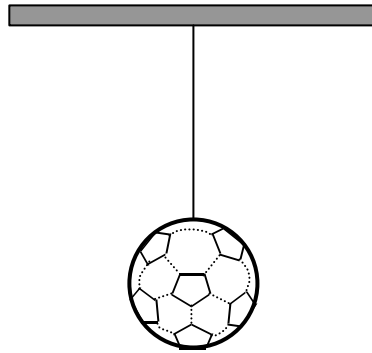


10

This football is hanging from a string.

The other end of the string is tied to the ceiling.



In the boxes below, you are asked to mark the forces acting on each object involved in this situation.

Represent forces:

- by drawing arrows to show the direction of each force,
- with the **length** of the arrow representing the **size** of the force.



Label each force to indicate what it is.

(a) On this diagram, mark all the forces acting **on the ball**.



(b) On this diagram, mark all the forces acting **on the string**.

