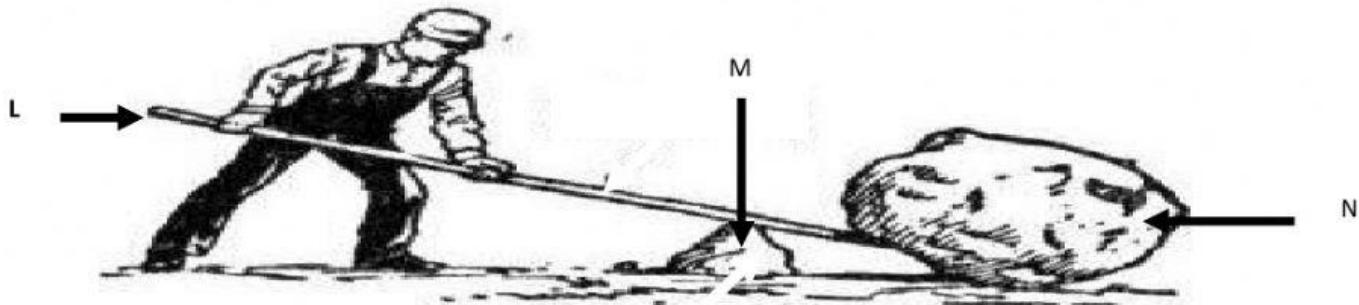


The diagram below shows how a crowbar may be used to move a block of stone. Study the diagram carefully then answer the questions which follow.



2. The diagram shows a bicycle used in a bicycle race.



e) State one reason why a bicycle is a compound machine _____

_____ (1)

f) A cyclist competes in a cross country event. Name the force of the speeding cyclist, trying to slow her down, as she heads into a strong wind.

_____ (1)

g) Differentiate between a compound machine and complex machine? _____

h) List **ONE** example of a complex machine: _____ (1)

TOTAL MARKS (10)