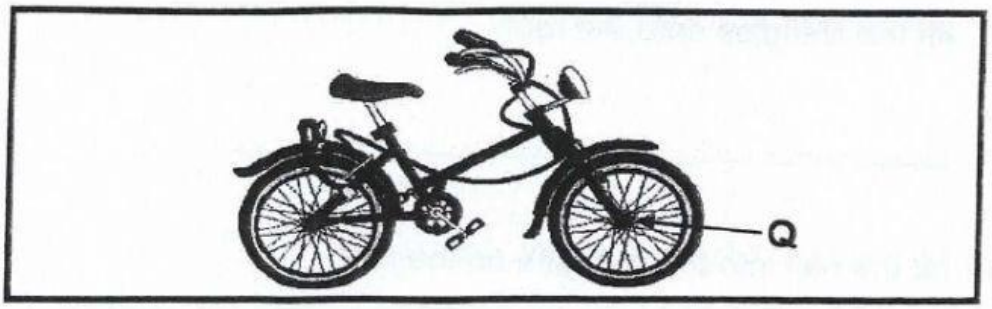
6. SIMPLE MACHINES

The picture below shows a bicycle which is made up of several different simple machines.



(a) Name the simple machine marked 'Q' on the diagram.

_____ [1]

(b) Write the name of the simple machine that is described in each of the statements below.

(i) a wheel with a groove for a rope _____ [1]

(ii) an inclined plane wrapped around a pole _____ [1]

(c) **Simple machines are a part of everyday life.**

Give one example in which each simple machine listed below is used in everyday life.

(i) inclined plane _____ [1]

(ii) wedge _____ [1]

[GO ON]

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(d) Mr. Rolle wants to puts shingles on the roof of his house. Each bundle of shingle weighs 75 lbs. Name the simple machine he can use to:

(i) lift the shingles onto the roof.

_____ [1]

(ii) hit the nail into the shingles on the roof.

_____ [1]

(e) (i) Explain the difference between a simple machine and a compound machine.

_____

_____

_____

_____

_____ [2]

(e) (ii) Give one example of a compound machine.

_____ [1]

TOTAL MARKS [10]

[THE END]

LIVEWORKSHEETS