

Unit 5 : Mechanisms

Pulleys ACT 1

1.- Join each part with its name:

wheel

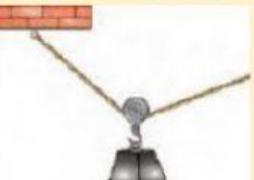
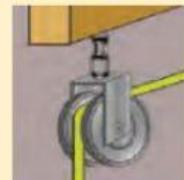
axle

rope

groove



2.- Types of pulleys (join each picture with type):

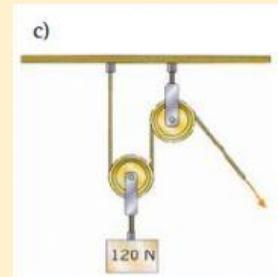
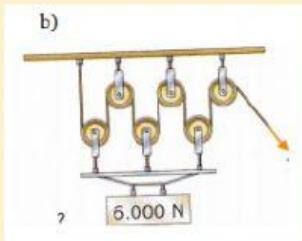
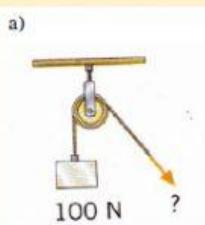


Movable pulley

Fixed pulley

Compound pulley

3.- Calculate the force that we will have to apply with the following pulleys. Indicate in each case if it is a fixed, mobile pulley. Write only the number in the answer.



4.- Calculate the minimum force that we will have to apply with the following pulleys to lift a body of 80 N . Indicate in each case if it is a fixed, mobile pulley. Write only the number in the answer.

