

The Three Lever Classes in the Human Body

For each body part, circle whether it is a resistance force, fulcrum, or effort force.

On each diagram of a part of the human body, identify and label the resistance force (R), the fulcrum (F), and the effort force (E)

front of head

- resistance force
- fulcrum
- effort force

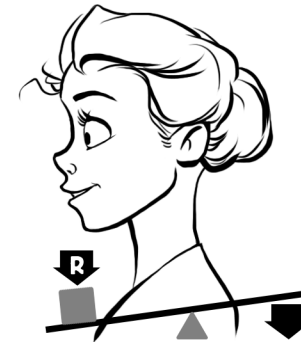
neck muscles

- resistance force
- fulcrum
- effort force

neck joint

- resistance force
- fulcrum
- effort force

_____ Class Lever



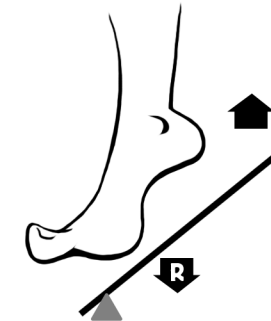
calf muscle

- resistance force
- fulcrum
- effort force

body weight

- resistance force
- fulcrum
- effort force

_____ Class Lever



toe joints

- resistance force
- fulcrum
- effort force

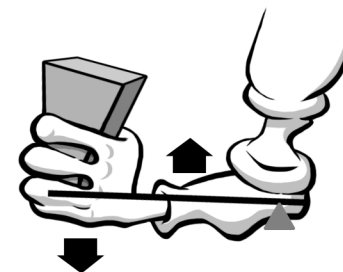
arm muscles

- resistance force
- fulcrum
- effort force

elbow joint

- resistance force
- fulcrum
- effort force

_____ Class Lever



weight of object

- resistance force
- fulcrum
- effort force

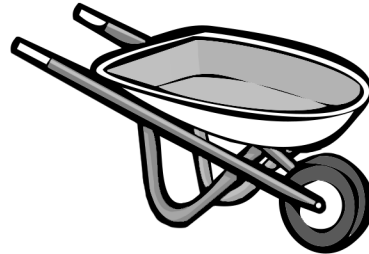
The **Three Lever Classes** in the **Human Body**

In each of the drawings, identify and label the resistance force, fulcrum, effort force, and the lever class, as shown in the first drawing.



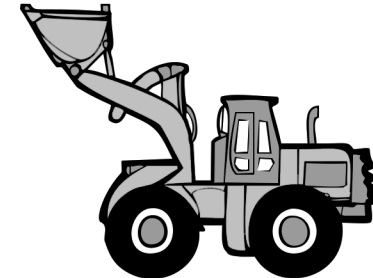
Seesaw

First
Class Lever



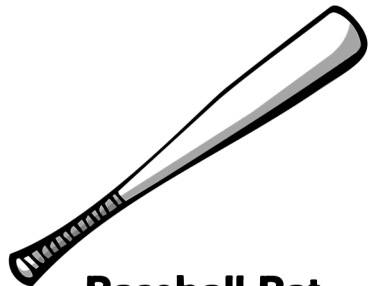
Wheelbarrow

Class Lever



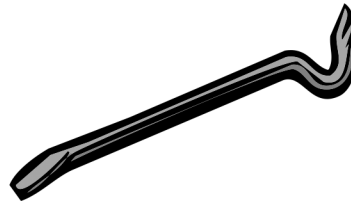
Front Loader

Class Lever



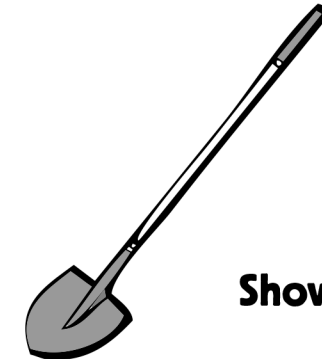
Baseball Bat

Class Lever



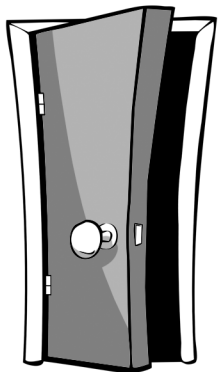
Crow Bar

Class Lever



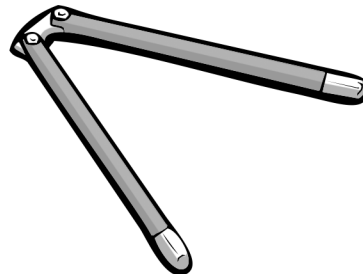
Shovel

Class Lever



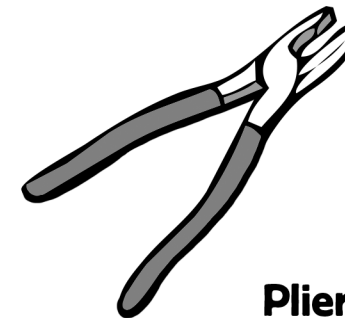
Door

Class Lever



Nut Cracker

Class Lever



Pliers

Class Lever