

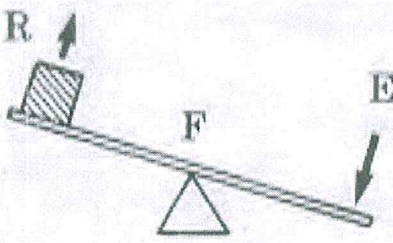
Grade 8 Science – Levers Info and Examples -answers

Date _____

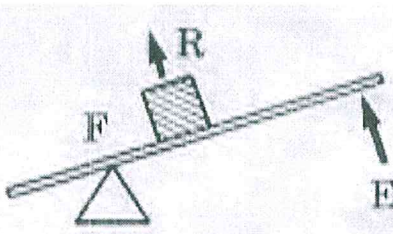
There are 3 different classes of levers which are defined by the position of the effort, fulcrum and the load.

For each of the three lever classes, draw a simple diagram and give examples of simple devices that use each type.

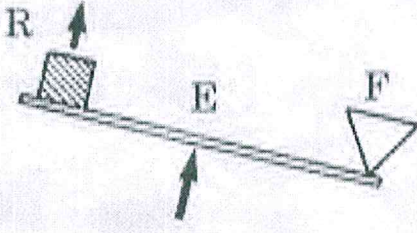
CLASS 1

Labeled diagram	Examples
	Teeter totter Claw hammer Crow bar Wrench Scissors shovel

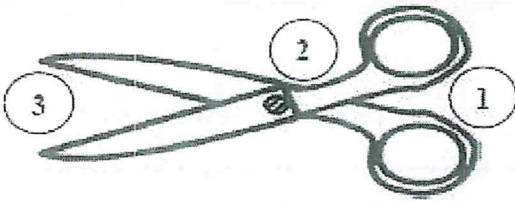
CLASS 2

Labeled diagram	Examples
	Wheel barrow Nut cracker Stapler Bottle opener Nail clippers Doors

CLASS 3

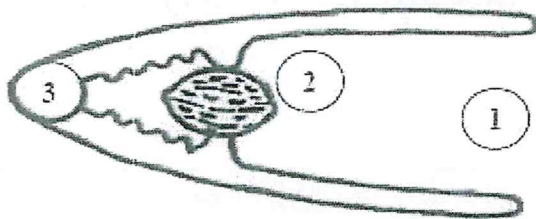
Labeled diagram	Examples
	Tweezers BBQ tongs Human arm Baseball bat Fishing rod Canoe paddle

Identify the lever and label the load, effort and fulcrum.



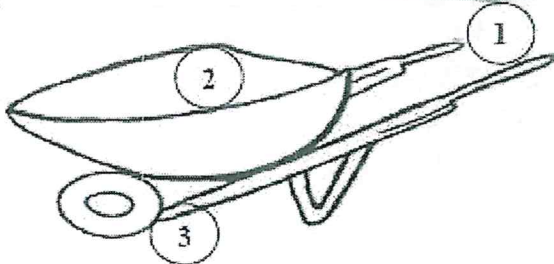
Type of Lever Class 1

1. effort
2. fulcrum
3. Load/resistance



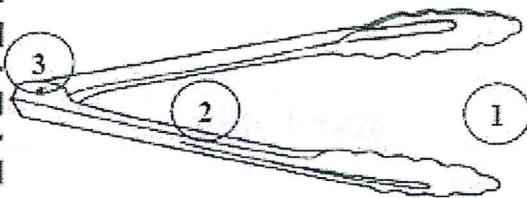
Type of Lever Class 2

1. effort
2. load
3. fulcrum



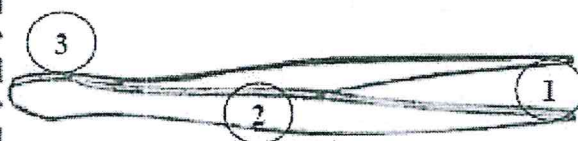
Type of Lever Class 2

1. effort
2. load
3. fulcrum



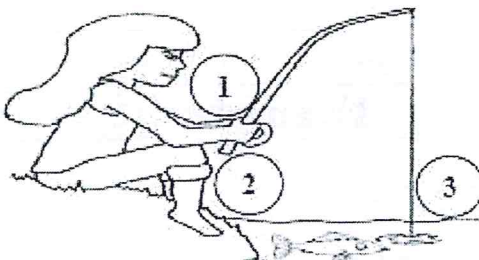
Type of Lever Class 3

1. load
2. effort
3. fulcrum



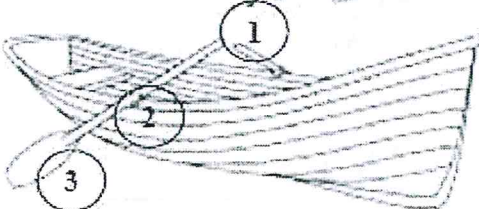
Type of Lever Class 3

1. load
2. effort
3. fulcrum



Type of Lever Class 3

1. fulcrum
2. effort
3. load



Type of Lever Class 1

1. effort
2. fulcrum
3. load