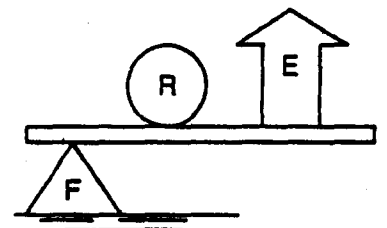
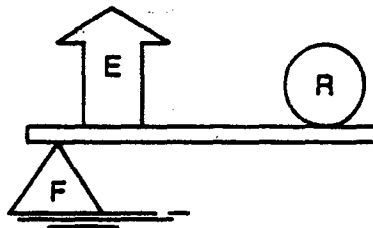
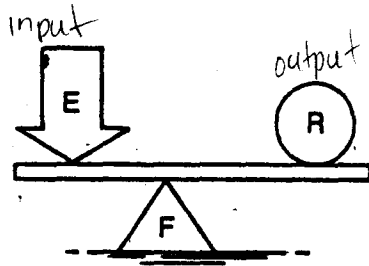


ACTIVITY ■ Work, Power, and Simple Machines

Types of Levers

Identify the class of each lever shown below.

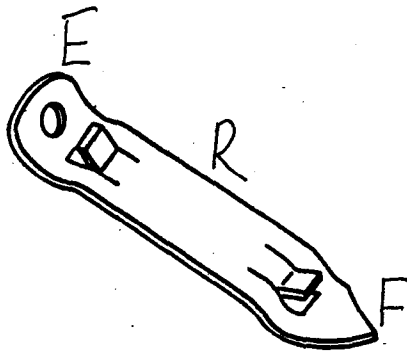


1. _____

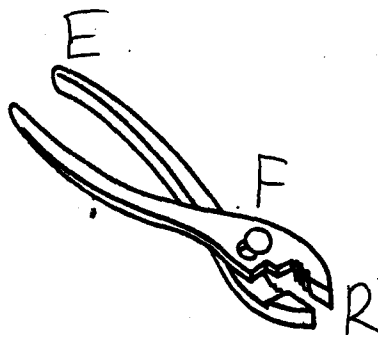
2. _____

3. _____

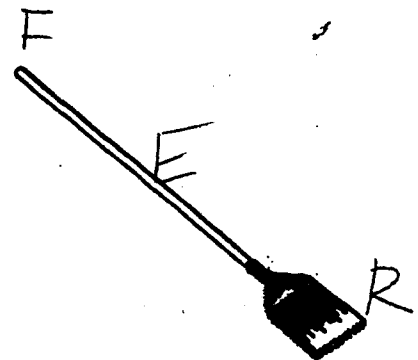
Identify the class of each of the following levers. Then indicate the position of the fulcrum, resistance force, and effort force by using the letters F, R, and E to label each diagram.



Bottle opener



Pliers

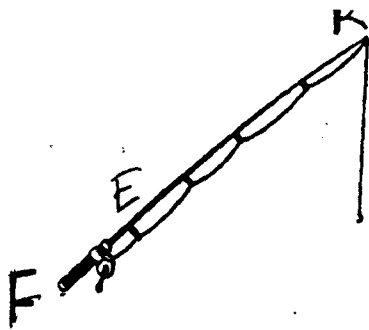


Broom

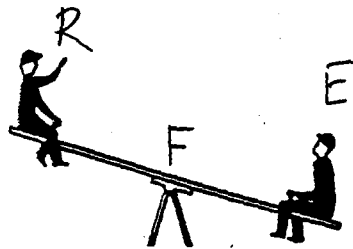
4. _____

5. _____

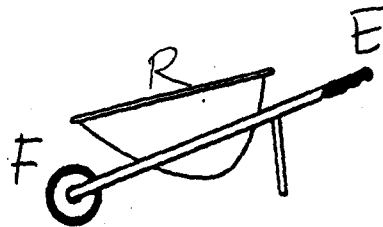
6. _____



Fishing pole



Seesaw

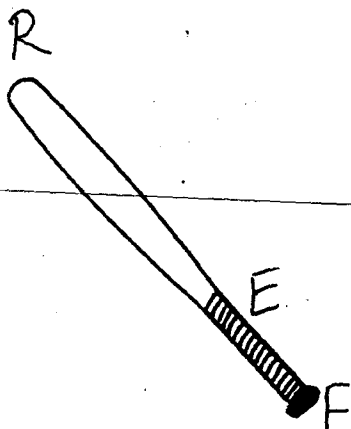


Wheelbarrow

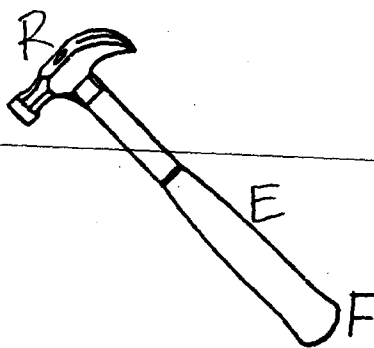
7. _____

8. _____

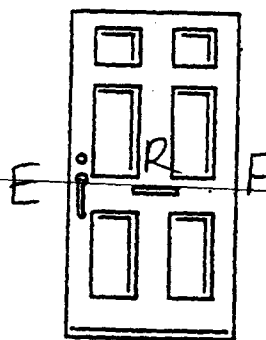
9. _____



Baseball bat



Hammer



Door

10. _____

11. _____

12. _____

Classifying Levers

On each diagram, correctly place the effort, fulcrum, and resistance to show the kind of lever indicated. Use the following symbols:

Effort: ↓ or ↑

Fulcrum: ▲

Resistance: **Load** ■

1st Class	2nd Class
3rd Class	