

Instructions

Read about the different types of levers below, then answer the questions that follow.

Types of Levers

There are three classes of levers:

1. **First-Class Lever:** In this type of lever, the fulcrum is located between the effort (the force you apply) and the load (the weight you are lifting). An example is a seesaw.
2. **Second-Class Lever:** In this type, the load is between the fulcrum and the effort. A good example is a wheelbarrow.
3. **Third-Class Lever:** In this type, the effort is between the fulcrum and the load. An example of this is a pair of tweezers.

Questions

1. What is a first-class lever? Give one example.

2. What is a second-class lever? Give one example.

3. What is a third-class lever? Give one example.

4. Which type of lever do you think is the most useful in your everyday life? Why?

5. Draw a simple sketch of any lever you like and label its parts (fulcrum, load, effort).