

Name _____

Mechanics of an Inclined Plane

Short Answer

1. Explain the trade-off between distance and force when using an inclined plane.
2. Provide an example of how an inclined plane is used to make a specific task easier in daily life.
3. How does the angle of an incline affect the effort required to move an object?
4. Describe a situation where an inclined plane would not be an effective choice for reducing the effort needed to move an object.
5. Why do boat ramps at lakes or marinas use inclined planes?

