

Name _____

Mechanics of a Wedge

Short Answer

1. Explain the trade-off between force and distance when using a wedge.
2. How does the wedge-shaped tip of a nail help secure it in wood?
3. Provide an example of a tool or object that uses a wedge for carving or shaping materials.
4. Why is a doorstop shaped like a wedge, and how does it function to hold doors open?
5. Describe a situation in which a wedge might be used in construction.

