

Name _____

Mechanics of a Screw

Short Answer

1. Explain the relationship between the pitch of a screw's thread and its mechanical advantage.
2. Provide an example of an everyday object that uses screws to fasten components together in the field of electronics.
3. How do self-drilling drywall screws simplify the installation of drywall?
4. Describe the role of screws in vehicles, and why are they essential in various parts of a vehicle?
5. Why are screws used in jar lids and bottle caps, and what purpose does the screw thread serve?

