

**Inclined Plane, Wedge, Screw
VIDEO QUIZ**

DIRECTIONS: Use this worksheet to answer the questions that follow the video presentation.

1. Name the six simple machines.
2. Why do roads wind around hills and mountains instead of traveling straight up?
3. Which simple machine is defined as any tool that cuts?
4. Why is a screw a better choice than a nail when it comes to holding furniture together for a long time?
5. Which simple machine is the screw related to?
6. To be considered a machine a tool must do one or more of what three things?
7. True or False. The mechanical advantage of an inclined plane is determined by dividing the length of the incline by the height of the incline.
8. Name some examples of inclined planes in use around our homes and communities.
9. Name some wedges typically found around the home.
10. Name some ways screws are used around the home.