



Vocabulary: Ants on a Slant (Inclined Plane)



Vocabulary

- Friction – a force that works to stop motion.
 - Friction is caused by the tendency of surfaces to stick together.
 - Sliding an object tends to create far more friction than rolling an object.
 - Friction causes work to be wasted as some energy is converted to heat.
- Inclined plane – a slanted, smooth surface.
- Work – the transfer of energy.
 - When an object is lifted, energy is being transferred to it.
 - A golfer hitting a golf ball transfers energy to the ball, so that is a form of work.
 - The amount of work done to an object is equal to the force applied multiplied by the distance it moved.

