Science Review Sheet- Simple Machines

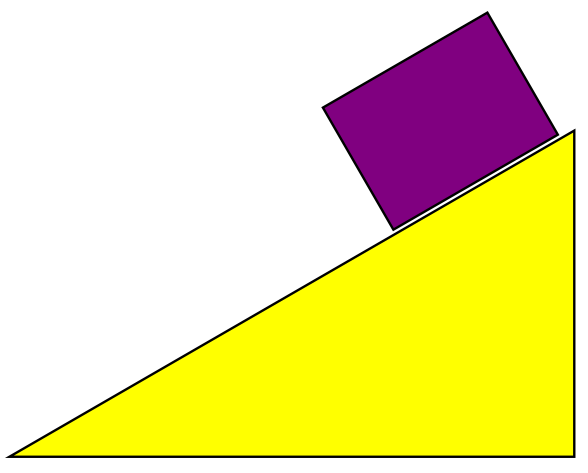
**Please study these definitions below:**

Power Inclined Plane Screw Wedge

Simple Machine Compound Machine

What 3 simple machines make up a scissor?

What 3 simple machines make up a wheel barrow?

Draw and label arrows to show the input and output forces for the inclined plane

Which of the following is a requirement for work to be done?

* 1. Force is exerted b. object is carried

1. Force moves an object d. machine is used

Which is a simple machine?

* 1. Baseball bat c. can opener
  2. Bicycle d. car

Which of the following is a form of the inclined plane?

* 1. Pulley c. wheel and axle
  2. Screw d. lever

Which is an example of a compound machine?

* 1. Bicycle c. wheel barrow
  2. Can opener d. all of the above

Who was Ruben Goldberg?

* 1. Artist c. scientist
  2. Mathematician d. astronaut

Work measured in which of the following?

* 1. Joule c. force
  2. Newtons d. watts

What is the pivot point of a lever called?

* 1. Wedge c. fulcrum
  2. Pulley d. inclined plane

Which simple machine can create a wedge?

* 1. Pulley c. inclined plane
  2. Lever d. screw

Which is **NOT** an example of a compound machine?

* 1. Baseball bat c. bicycle
  2. Can opener d. wheel barrow

What simple machine has a grooved wheel that redirects force using a rope?

* 1. Wedge c. pulley
  2. Inclined plane d. screw

What is the unit of measurement of power

* 1. Joule c. watt
  2. Newton d. power