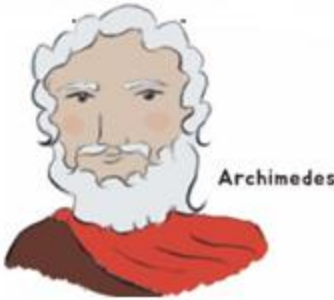


Name: _____

Class: _____

MACHINES



Archimedes Screw

In ancient Greece, a scientist named Archimedes came up with the idea that there are impel machines which can be used to make work easier. These machines would change the direction of movement and could lessen the amount of work needed for moving things.

Directions: Read the descriptions of the simple machines and match them with the correct image.

1. A pulley uses grooved wheels and ropes/chains to raise, lower, or move a load by pulling on the rope.

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2. A wheel, when combined with a rod through its centre as an axle, can be used to lift or move loads.

☐

3. A wedge is an object with a slanted edge which is sharp. It can be used to cut or push two objects apart.

☐

4. A lever is a bar that rests on a support, called a fulcrum, and can be used to lift or move loads.

☐

5. An inclined plane is any slanted surface that is used to connect a lower surface to a higher one. Heavy objects slide up the surface.

☐

6. Screws are special kinds of inclined planes that are wrapped around a pole, which holds things together or lift things.

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