



Vocabulary - touch the card to reveal the definition

Wheel

A circular frame
or disk arranged
to revolve on an axis

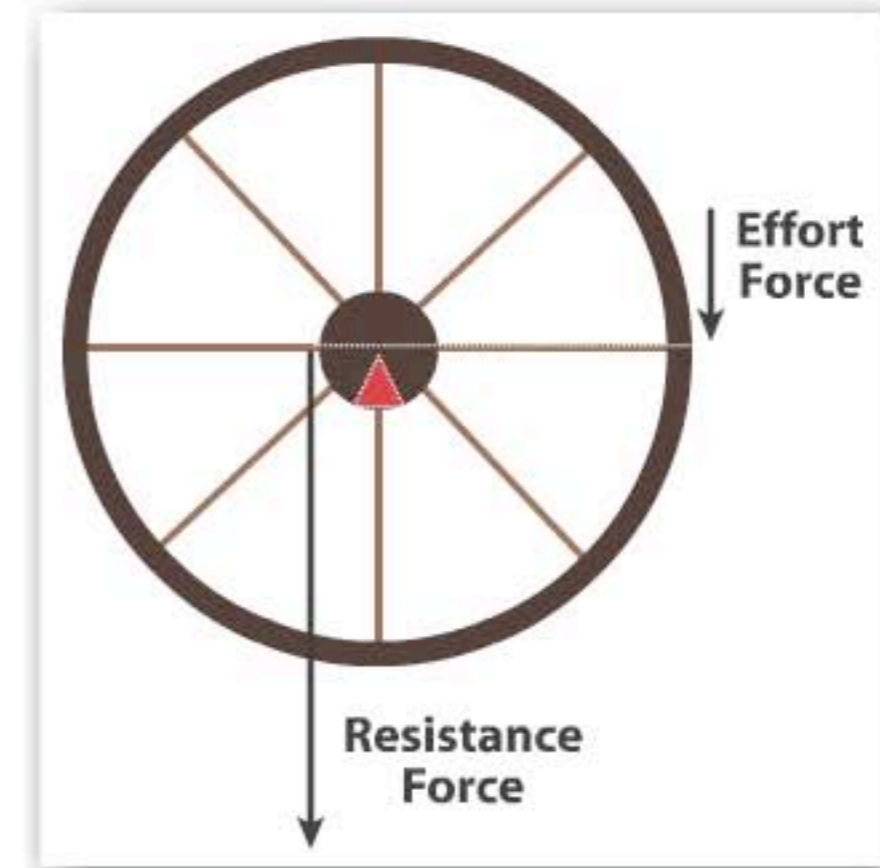
Axle

Pulley



Wheel & Axle

We will look at wheel & axles next because they are something like levers. The image to the right shows how force changes when it is applied to the outside of a wheel.



Pushing or pulling on the **wheel** turns the **axle**. The axle doesn't move as far as the wheel but it exerts a large resistance force.

Notice the dotted lines in the picture. This shows how the wheel & axle is also a kind of lever. The effort is applied to the wheel, the axle exerts the resistance force, and the center of the axle is the fulcrum.

Finding the Wheel & Axle and Pulleys

WELL DONE!



Reset