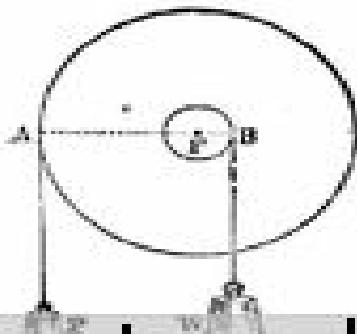


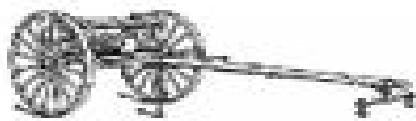
Name: \_\_\_\_\_ Date: \_\_\_\_\_

## SIMPLE MACHINES: WHEEL AND AXLE

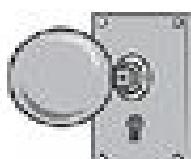


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An axle is a rod or shaft that has a wheel attached to it. The wheel and axle turn together to move. The wheel and axle helps us use less force or work to turn or move something across an area.



With a wagon (and many other forms of transportation), the weight is on the axle. The axle is pulled, which makes the wheel turn, which moves the axle (and its load).



With a doorknob, the wheel is turned, which moves the axle, which opens the door.