

# What is a simple machine?

## Lesson Review

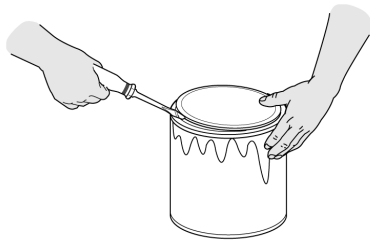
Use the equation  $MA = \text{resistance force} \div \text{effort force}$  to complete the table.  
Round your answers to the nearest hundredth.

Mechanical Advantage	Resistance Force	Effort Force
1.	6,000 N	200 N
20	700 N	2.
2	3.	230 N
4.	8,100 N	90 N
5	325 N	5.
10	6.	347 N
7.	6,420 N	240 N
50	4,500 N	8.
75	9.	75 N
827	413,500 N	10.

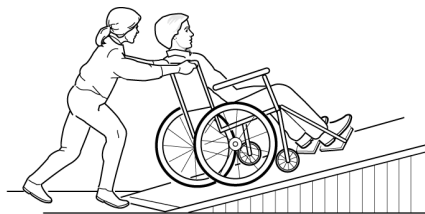
## Skill Challenge

**Skills:** interpreting diagrams, classifying

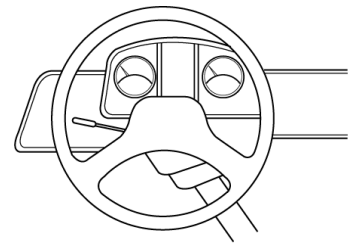
On the line provided under each diagram, write the type of simple machine that is being shown.



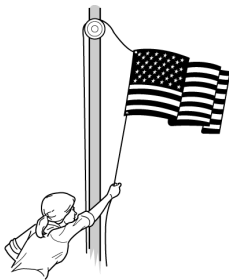
1. \_\_\_\_\_



2. \_\_\_\_\_



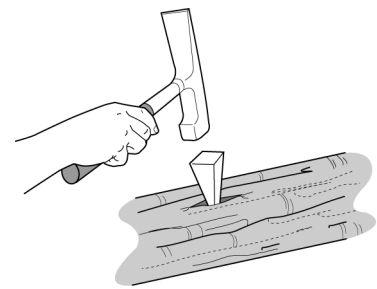
3. \_\_\_\_\_



4. \_\_\_\_\_



5. \_\_\_\_\_



6. \_\_\_\_\_