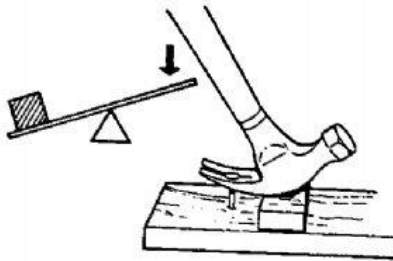


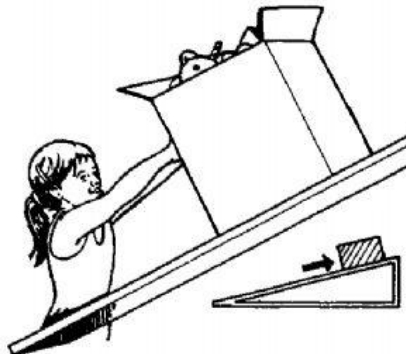
# Simple Machines

Drag and Drop: lever pulley wheel and axle  
inclined plane wedge screw

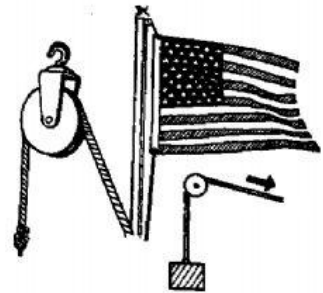
A. \_\_\_\_\_



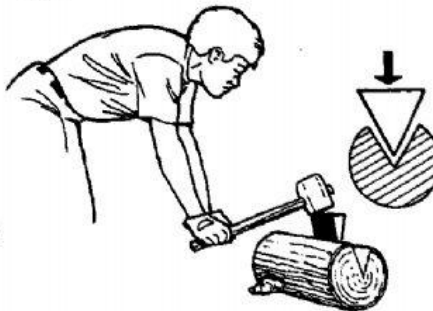
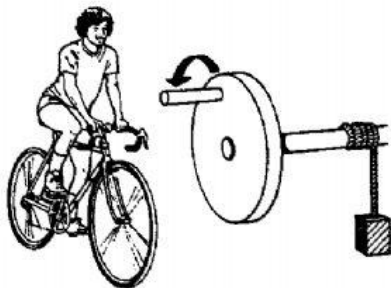
B. \_\_\_\_\_



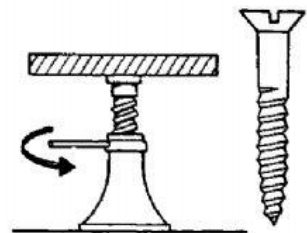
C. \_\_\_\_\_



D. \_\_\_\_\_



F. \_\_\_\_\_



E. \_\_\_\_\_

3. Identify the following simple machines.

- |  |   |
|--|---|
| a. sloping surface _____               | d. spiral inclined plane _____          |
| b. rope over a wheel _____             | e. wheel connected to a shaft _____     |
| c. bar pivoting on a fixed point _____ | f. slope tapering to a sharp edge _____ |

4. Name the simple machine used to do the following.

- |                             |   |
|-----------------------------|---|
| a. chop wood _____          | d. fasten pieces of wood _____              |
| b. load railroad cars _____ | e. reduce friction on rolling objects _____ |
| c. remove tacks _____       | f. raise and lower a sail _____             |

5. Write the word or words that will make each sentence a true statement.

Drag and Drop: effort energy simple

- A machine can never do more work than the amount of \_\_\_\_\_ put into it.
- No matter how complex machines seem, they are all forms of six \_\_\_\_\_ machines.
- Simple machines help us make better use of our \_\_\_\_\_.