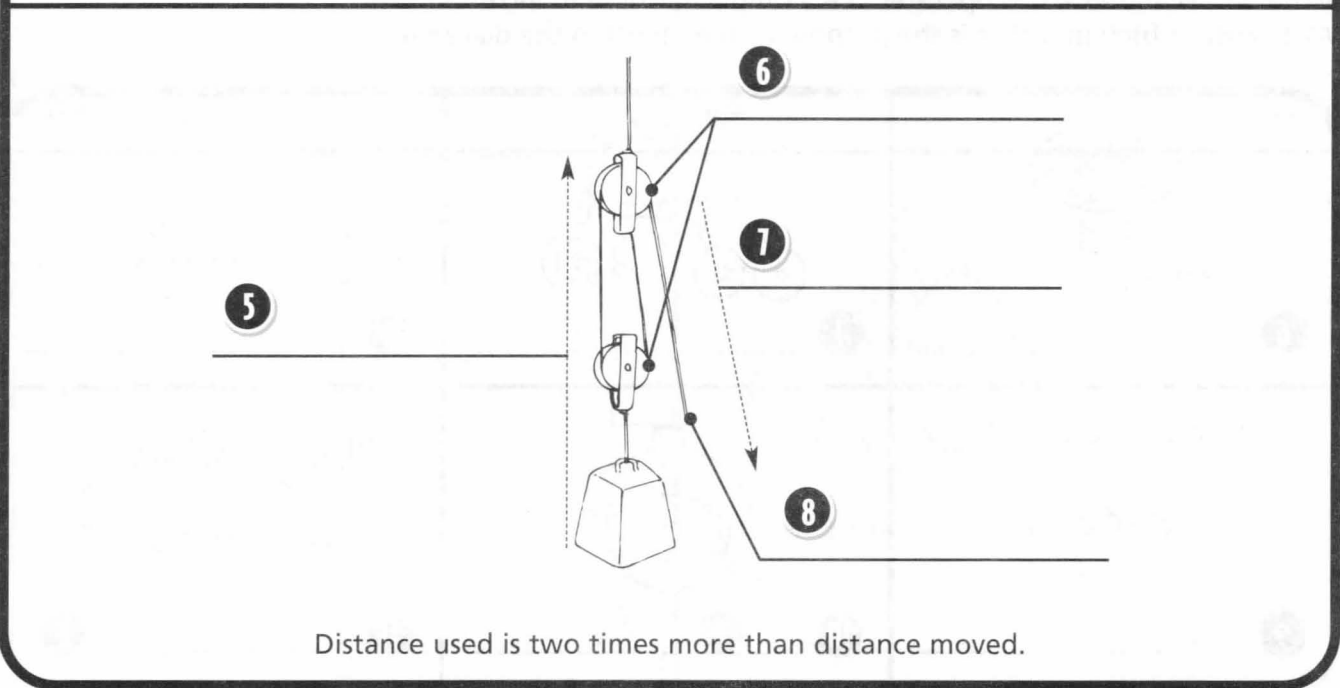
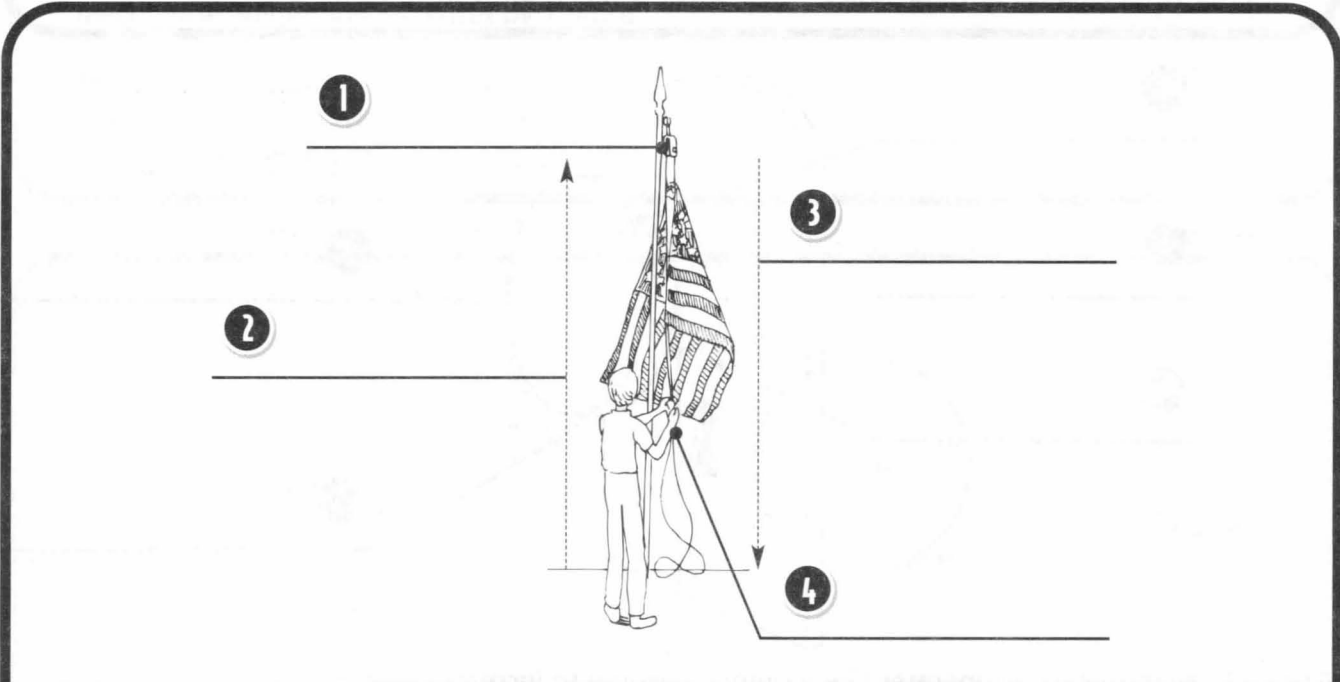


# Pulleys

A **pulley** is a small wheel with a grooved rim that holds a rope or chain. Pulleys can be fixed or movable. Each pulley or wrap of the line allows you to trade distance for force. Use the terms in the word box to label the illustrations.

distance to move load      distance you use      force      pulley



Distance used is two times more than distance moved.