

# Machines

## MAIN IDEA

Machines make tasks easier by changing the magnitude or the direction of the force exerted. They are used to engineer speed, distance, force and function.

## Essential Questions

- What is a machine, and how does it make tasks easier?
- How are mechanical advantage, the effort force and the resistance force related?
- What is a machine's ideal mechanical advantage?
- What does the term efficiency mean?

# Answers Physics Study Guide Section 10 2 Machines

**F Rizvi**

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