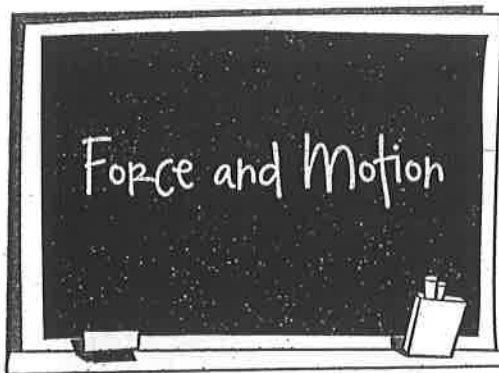


Force and Motion Ideas

Mrs. Li's students share their ideas about force and motion. Here are some of the ideas they come up with. Put an X next to each of the ideas you agree with.



- A** If there is motion, then a force is acting.
- B** If there is no motion, then there is no force acting.
- C** There cannot be a force without motion.
- D** Objects can continue moving in a straight line without applying force.
- E** When an object is moving, there is always a force in the direction of its motion.
- F** Moving objects stop when their force is used up.
- G** Forces act on objects at rest.
- H** The stronger the force, the faster an object moves.
- I** Constant speed results from constant force.
- J** A force is necessary in order to change the direction of motion.
- K** Forces make things go, losing energy makes them stop.
- L** Force can be transferred from one object to another during motion.

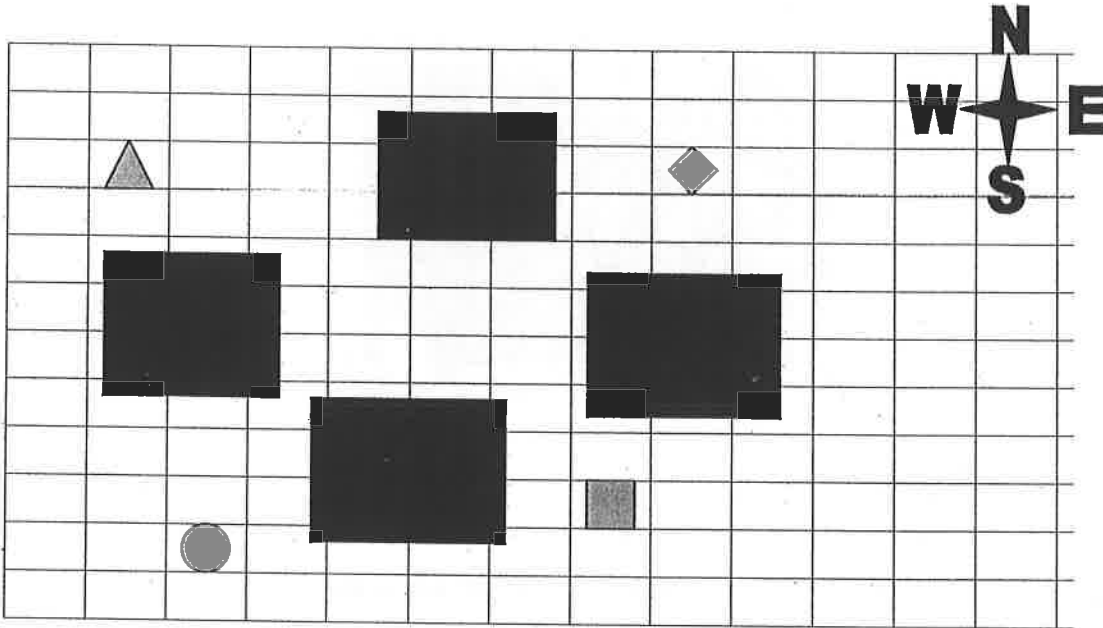
Explain your thinking. Summarize your own ideas about force and motion.

Name: _____

Period: _____

Motion and Forces Worksheet 1.1: Position

Directions: Select two of the gray objects. Using one as a reference point, write directions for locating the other object. You may not pass through a black rectangle or any box containing part of a black rectangle.



Write your directions below: