



Lesson Review

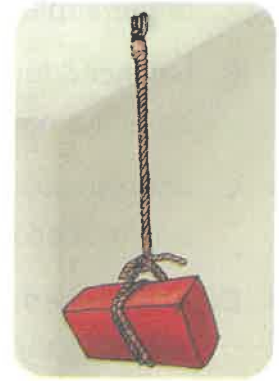
Forces



1. In the illustration, a brick is tied to the end of a rope.

Why is the brick not moving? **SC.5.P.13.1** **SC.5.P.13.4**

- ☐ A. The force of gravity is too strong for the brick to move.
- ☐ B. Both the force of gravity and the rope pull the brick upward.
- ☐ C. The force of gravity is gone because the brick is held up by the rope.
- ☐ D. The force of gravity on the brick is balanced by the upward pull of the rope.



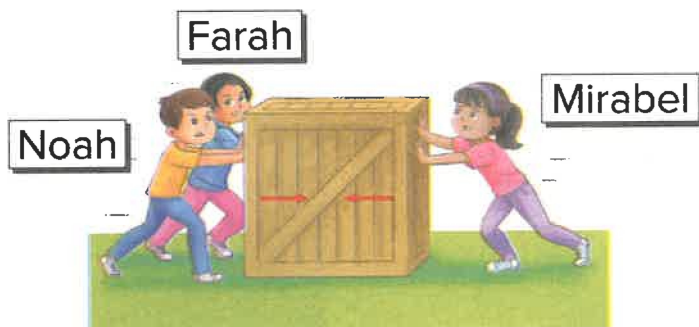
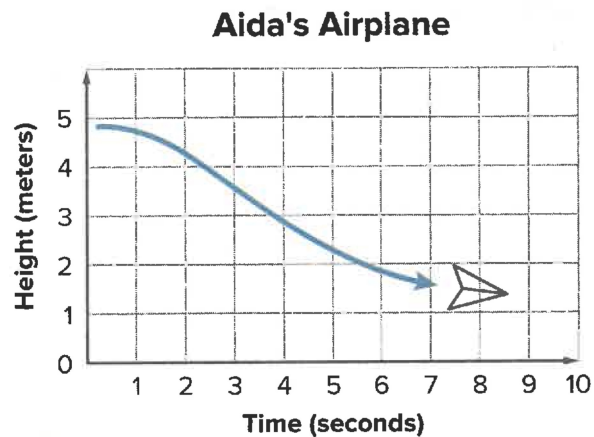
2. This photo is of a windsurfer moving across the water. When you windsurf, more than just wind is pushing you along. What other forces are affecting the moving windsurfer? **SC.5.P.13.1**



3. Aida was investigating how forces affect the flight of a paper airplane. The chart shows her paper airplane flight.

Are the forces acting on the airplane in the chart balanced or unbalanced? **SC.5.P.13.1**

- ☐ A. balanced forces, because the height of the airplane is not changing
- ☐ B. balanced forces, because the airplane does not have an engine
- ☐ C. unbalanced forces, because the airplane is in motion above the ground
- ☐ D. unbalanced forces, because gravity is pulling the airplane downward



4. In the illustration, Noah, Farah, and Mirabel are each pushing the crate. However, the crate is not moving. Explain the forces acting on the crate. **SC.5.P.13.1 SC.5.P.13.4**

5. A hockey puck is at rest on the ice. Why does it take only a slight force to slide the puck across the ice? **SC.5.P.13.1**

