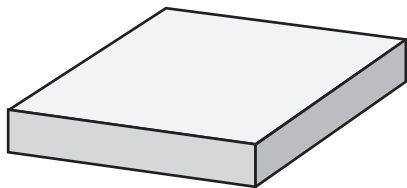
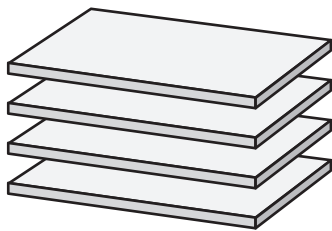


A group of students is building a cart with some of the materials and tools shown below. The cart will be used to move boxes between classrooms.



Large board



Small boards



Steel brackets



Wheels



Scissors



Wrench



Pliers



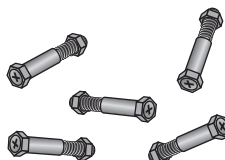
Screwdriver



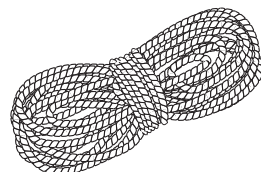
Screw eyes



Wood screws



Nuts and bolts



Rope

- Identify which type of fasteners would be **best** for attaching the wheels to the steel brackets.
- Identify **two** tools that could be used to attach the wheels to the steel brackets with the fasteners you identified in part (a).

The students attach the wheels and brackets to the large board. They pull the cart with a piece of rope. When the students use the cart to move a box, however, the box slides off the cart.

- Describe how the students could improve the cart so that the box stays on the cart when the students move it. Be sure to identify which materials and tools the students should use.