

Make Things Move

Steps

- 1. Measure** Use a ruler to place two strips of tape 15 centimeters apart. Put a rubber band around a chair leg. Put the chair leg next to one piece of tape. **Safety:** Wear goggles!
- 2. Observe** Place a cart against the band. Pull the cart back to the second line. Let it go. Use tape to mark where the cart stops.
- 3. Compare** Put an object on the cart. Repeat step 2. Compare the distances. Which time did the cart go farther?

Think and Share

1. Why do you think the cart went different distances?

Name _____

2. Predict What would you have to do to make the heavier cart go the same distance as the lighter cart?

Investigate More!

Experiment Put other objects in the cart. Compare the distances that the cart moves.

