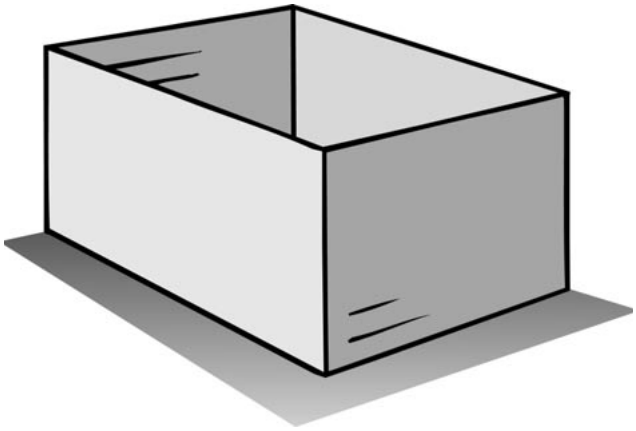
Chapter Science Investigation Name _____

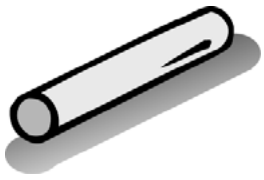
Moving Boxes

What You Need



a big box

books



chalk

Find Out

Do this activity to see how hard it is to move a box.

Process Skills

Observing
Communicating
Inferring
Predicting

Time

- 20 minutes twice a day for two days

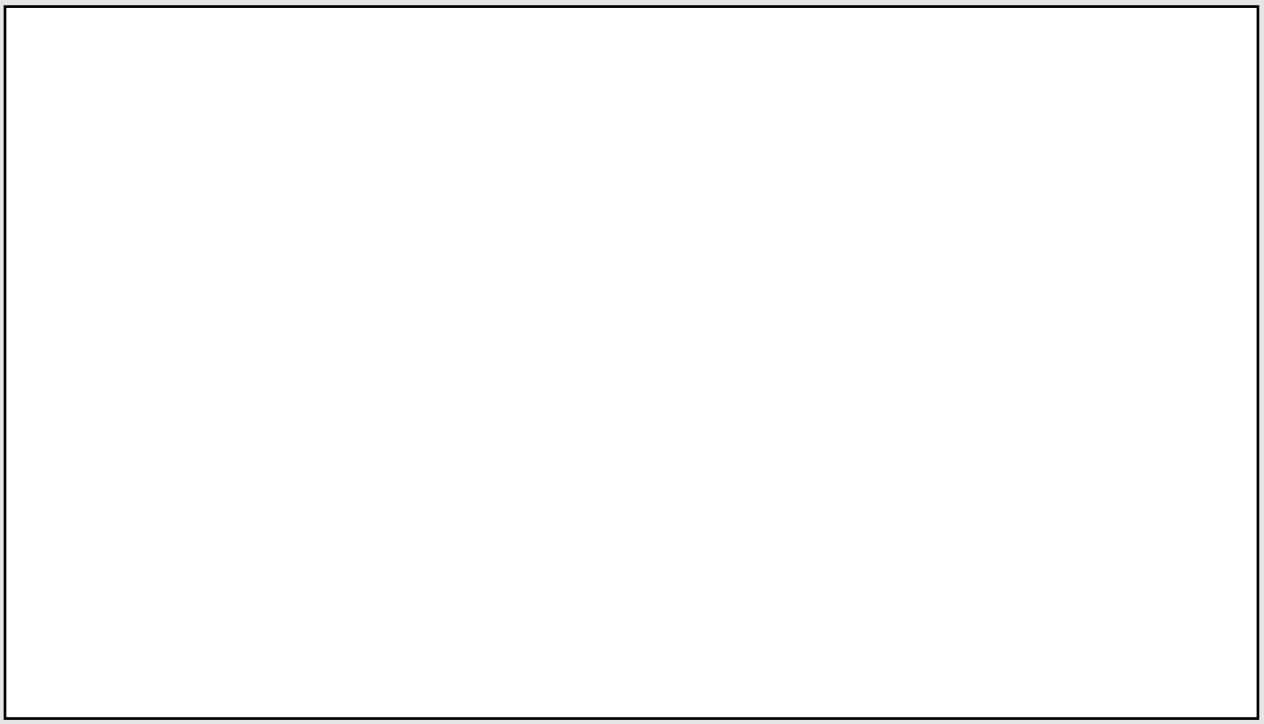
What to Do

1. With chalk, mark a starting line on the floor. Put an empty box on the starting line.
2. Give the empty box a little push.
3. With chalk, mark the floor to show how far the box moved.

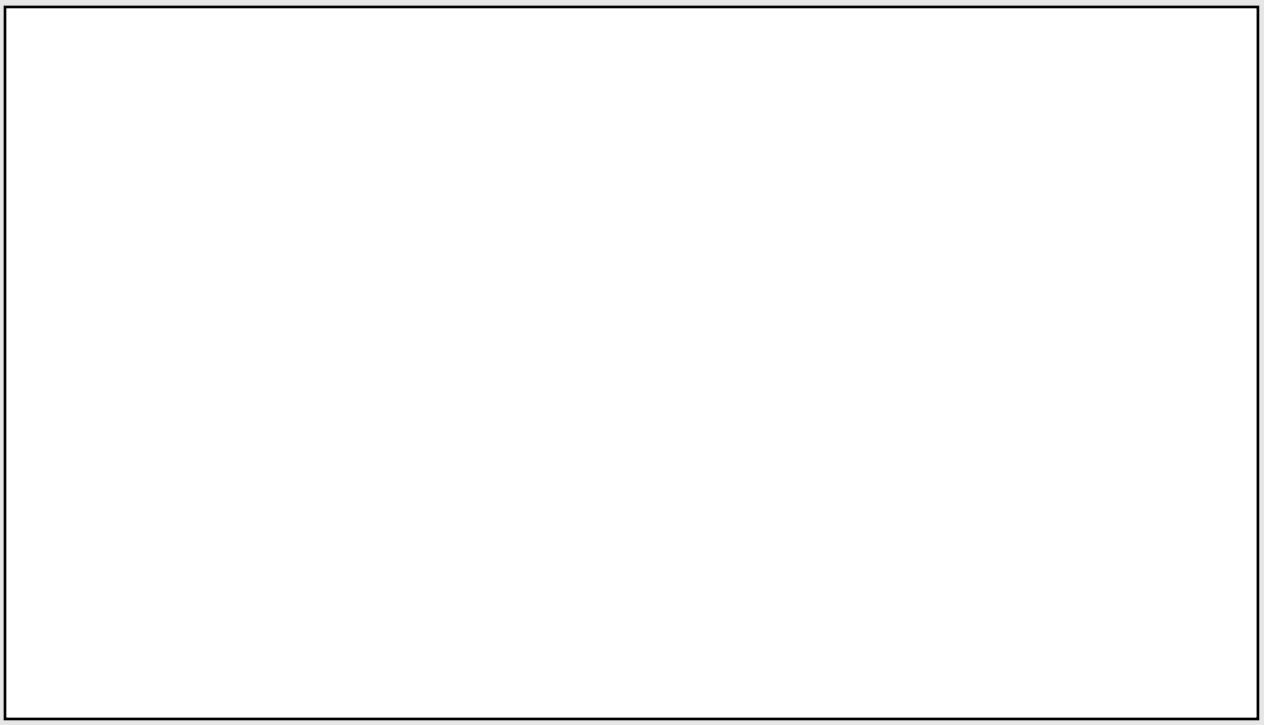
4. Put the box back on the starting line. Put five books in the box.
5. Give the box a little push.
6. With chalk, mark the floor to show how far the box moved.

How Far Did It Move?

Draw what happened when you pushed.



Empty Box



Full Box

Conclusions

1. Which box moved farther?

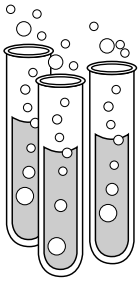
2. Why do you think this is?

New Questions

1. How would this activity be different if you put the full box in a wagon before you pushed it?

2. Ask one new question you have about the way things move.

Name _____



ACTIVITY

Telling Where It Is

Show where things are.

Draw them on the paper.

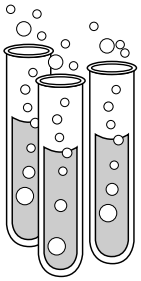
Name _____

Draw where they are now.

Look at both drawings.

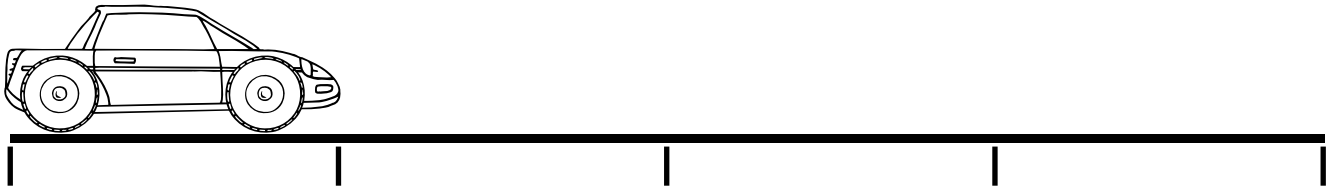
Circle the thing that moved the farthest.

Name _____



ACTIVITY

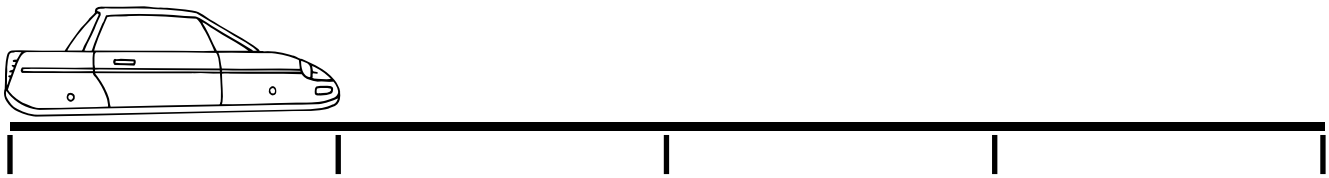
Moving Toy Cars



Give the car a little push.
Show where it stops.
Mark the place with an A.

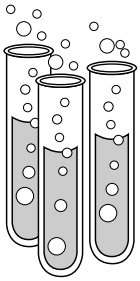
Give the car a big push.
Show where it stops.
Mark the place with a B.

Name _____



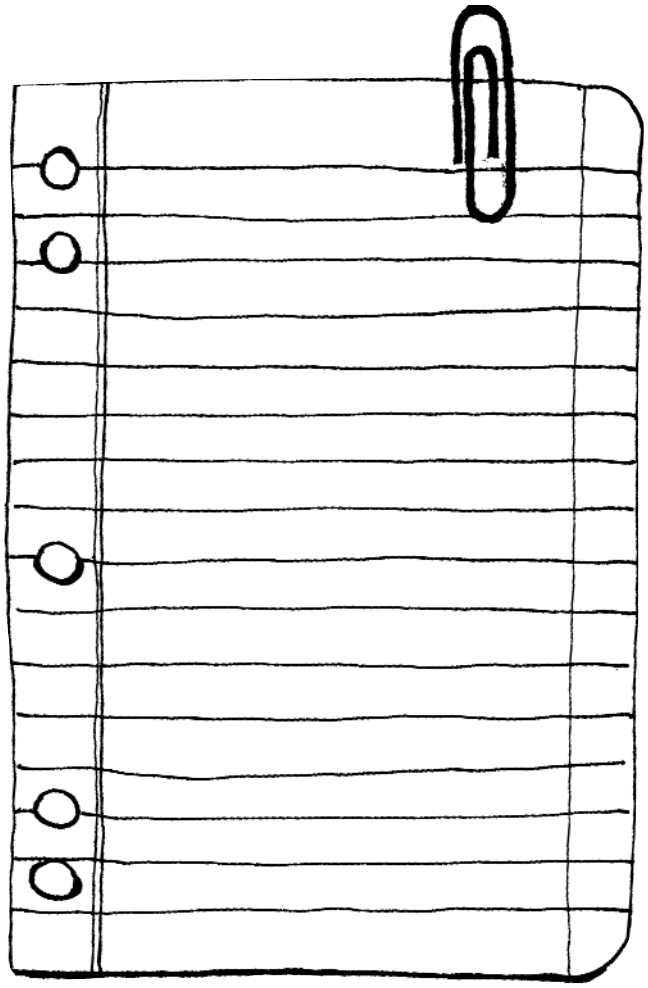
Predict how far this car will move.
Mark the place with a C.

Name _____



ACTIVITY

Using Magnets



Observe when the paper clip starts to move. **Draw** where the magnet is.

Name _____

Move the magnet closer. **Draw** what happens to the paper clip.