

Measure Motion

Steps

1. Mark a start line on the floor with tape. Put one toy car on the start line.

2. **Measure** Push the car forward. Measure the time from when it starts to when it stops. Write the time.

3. **Measure** Use a meter stick to see how far the car moved. Write the distance here.

4. Repeat steps 1–3 with the other car. Use the same force. Write the time and distance on the lines below. Compare the results.

Think and Share

1. **Use Data** Which car went farther? Which car took more time?

2. **Infer** What can you infer about going a longer distance?

Investigate More!

Experiment Plan ways to make the car move farther. Test your ideas. Tell which idea worked the best. Tell why you think so.