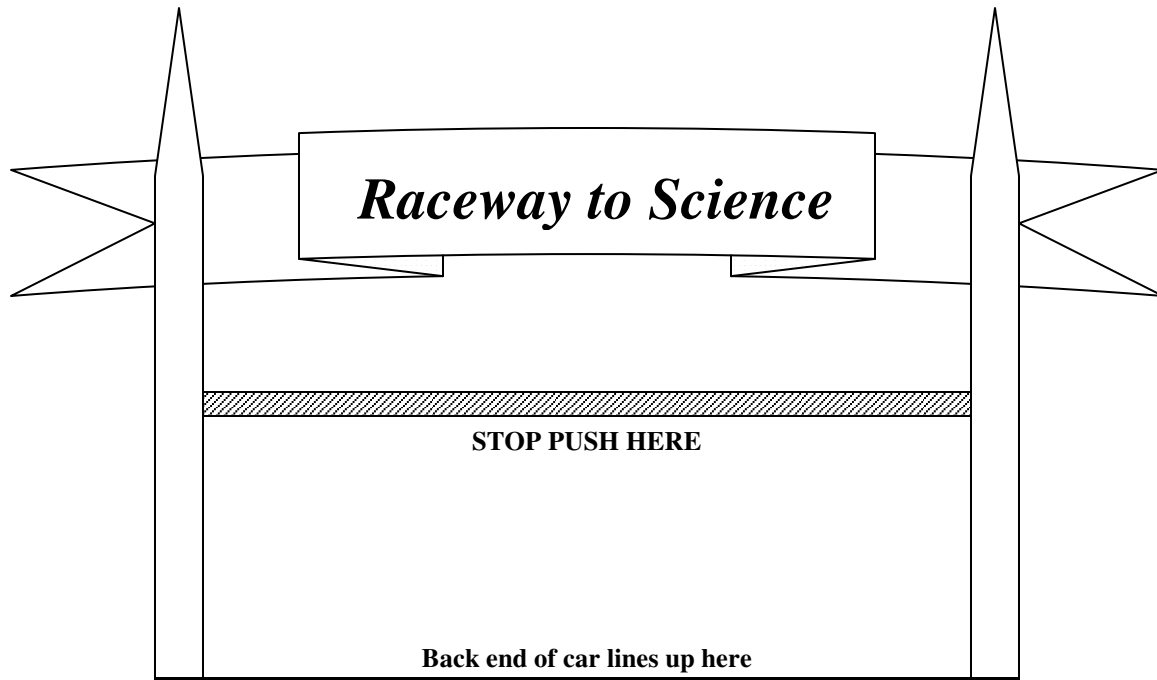


Name _____



Race in this direction ↑

Trial 1

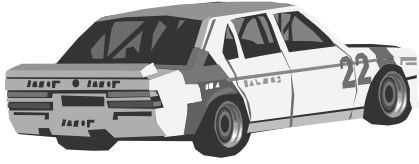
START PENCIL PUSH HERE

Trial 2

START PENCIL PUSH HERE

Trial 3

START PENCIL PUSH HERE



Raceway to Science

Objective: Movement depends on the amount of force applied.

Materials: Toy car (Matchbox size), pencil, raceway sheet, meter tape or ruler

Procedure:

1. Place the raceway sheet on the floor.
2. Put the race car on the sheet so the back end lines up as indicated on the sheet.
3. Using an unsharpened pencil, place the pencil on the Trial 1 line and push through to the stop line shown on the sheet.
4. Measure the distance the car traveled from the stop line to the back of the car and record on the data table.
5. Repeat the same procedure with Trials 2 and 3, each time recording the distance the car has traveled.
6. Results can also be graphed.
7. Complete the questions on the worksheet.

Name _____ Date _____



Raceway to Science

1. Complete the data chart:

How far did the toy car travel?	
Trial 1	
Trial 2	
Trial 3	

2. Which trial caused the car to move the farthest distance?

3. Which trial caused the car to move the least distance?

4. Explain what caused the car to move the farthest distance?
