

# activity sheet 1

Name \_\_\_\_\_

## HOT WHEELS® CARS AND SCALE

1. The Hot Wheels cars have a 1:64 scale. What do you think 1:64 means?
2. As a group, come to an agreement of what a scale of 1:64 means. Share your idea with the rest of the class.
3. Measure your Hot Wheels car, and fill in the first column in the table. Use the 1:64 scale to determine how large the Hot Wheels car would be in real life.

Feature of the Car	Hot-Wheels Dimensions	Life-Sized Dimensions
Exterior length		
Exterior width		
Exterior height		
Wheel base length		
Other		

4. What unit of measurement did you choose when measuring your car? Explain why you chose that unit of measurement.
5. On the chalkboard, mark the height and the length for the life-sized dimensions of your car. Does this look like the size of a real car? Why, or why not?
6. Research the Internet and find the dimensions of a real car that might be similar to your Hot Wheels car. Scale the real car down using the 1:64 scale.

Feature of the Car	Real Car	Toy Version
Exterior length		
Exterior width		
Exterior height		
Other		
Other		

7. How do the scaled-down dimensions of the real car compare with the dimensions of your Hot Wheels car?