

Name: _____

Date: _____

Section 9.1 Math Link

This worksheet will help you with the Math Link on page 349.

For safety reasons, some amusement park rides have age and height restrictions for riders.

1. Choose an amusement park ride you have seen or design one of your own.

a) State the name of the ride. _____

b) Describe the ride. _____

2. For your ride, consider the safety restrictions or conditions that you might impose on riders. Use the chart to record your answers.

- In column 1, list at least three restrictions verbally using terms of your choice. You might choose from terms such as *height*, *age*, and *weight*.
- In column 2, represent each restriction algebraically using a different variable for each. Example: a as a variable for age

Verbally	Algebraically
Example: Less than 12 years of age	$a < 12$
a)	
b)	
c)	
d)	

3. Sketch a sign using words and graphics that clearly informs riders about each of your restrictions in #2.