

Virtual Roller Coaster Pie Chart

A circle graph/ "pie chart" is used to help us visually understand data easily. It is usually used to represent parts of a whole.

Using the following data collected from the 100 students who participated in *Virtual Roller Coaster Field Trip*, create a circle graph:

Names of Roller Coasters	Number of Students Who Thought It Was the Best Ride	% of Circle to Fill*
Top Ten Canada's Wonderland	15	
Dive Machine Busch Gardens	5	
Expedition Everest Disney	20	
White Cyclone Japan	5	
Other Rides	15	
Harry Potter Orlando	40	

* to find the **% of the circle to fill in**, use the following formula: $\frac{\text{number of students who thought it was the best ride}}{\text{total number of students}} \times 100$ **use the lines in the circle to help determine how much 1% would look like!

Your graph should include:

- a **title** (What is the information in this pie chart about?)
- the use of a ruler** (Straight lines please)
- colour and fine-lining** (Make it look pretty!)
- labels or a legend** (What does each coloured section mean? **How much** does each coloured section represent?)

