**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: $\frac{number of students who thought it was the best ride}{total number of students} x 100$\*\*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?)

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