Lesson 21 - Circle Graph

Circle Graphs are usually used to show how something is divided into parts.

Each Circle Graph needs:
- <u>A title</u>
- <u>pieces/slices</u> (filled out for each category)
- Slices of the pie are touching and accurately drawn in <u>their angle</u>
- Slices of the pie are <u>labelled</u> with % and in color

Reminder:
- **% Percent =** (frequency ÷ total frequency) x 100

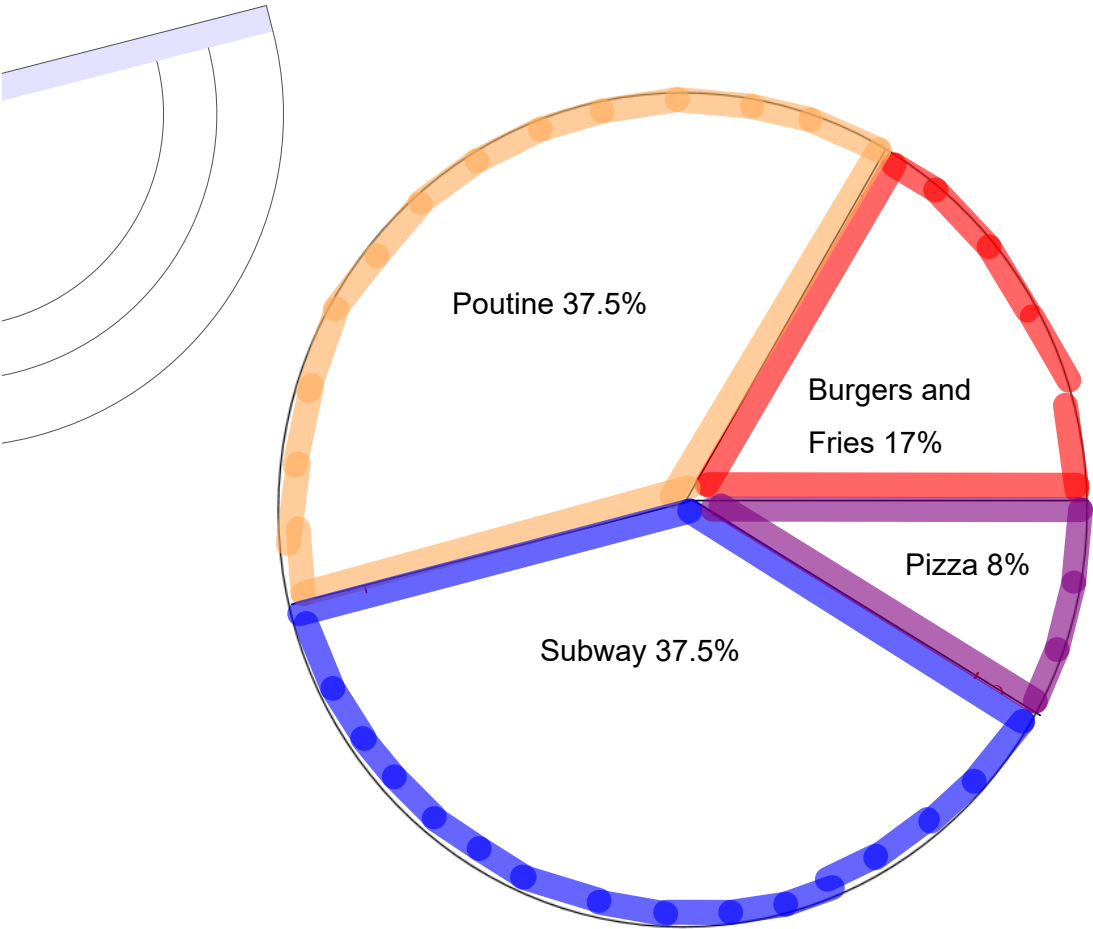- **Angle** (°) **= (**frequency ÷ total frequency) x360   (percent/100) x 360

Example: Frequency Table

Categories	Tally	Frequency	Percent	Degrees
Burgers and Fries	|||	4	(4/24)x100 =17%	(4/24)x360 = 60 degrees
Poutine	|||| |||	9	(9/24)x100 =37.5%	(9/24)x360 = 135 degrees
Subway	|||| |||	9	=37.5%	135 degrees
Pizza	||	2	(2/24)x100 =8%	30 degrees
TOTAL		24	100%	360 degrees

Show you work for %   done in the table

Show your work for Degrees

TITLE: _Favorite Fast Food in class -61_

Poutine 37.5%

Burgers and Fries 17%

Pizza 8%

Subway 37.5%

LEGEND:

Burgers and Fries	
Poutine	
Subway	
Pizza	

WB P 244 (5-7), P 245 (8)

STEPS TO DRAW A CIRCLE GRAPH

1) Try to find the center and draw a line from the center to the edge

2) Measure the first angle from the line and make a mark, then connect the center through the mark to the edge

3)