

3/5/20

Circle Graphs

I can create and interpret a circle graph.

Circle Graph (Pie chart)



A whole circle graph should add up to 100%

and each central angle measure add up to 360°

EX

31 students

15 - bus \rightarrow 48%
6 - walk \rightarrow 19%
10 - drop off \rightarrow 32%

central angle:

$$48\% \text{ of } 360^\circ = 172.8^\circ = 173^\circ$$

$$19\% \text{ of } 360 = .19 \cdot 360 = 68.4^\circ = 68^\circ$$

$$32\% \text{ of } 360 = 115.2^\circ = 115^\circ$$

$$1\% = 3.6^\circ$$