

Name _____

Date _____

Pie or Circle Graphs - Guided Lesson Explanation:

Explanation#1

Step 1) Determine the total number of votes:

$$10 + 20 + 25 + 35 + 13 = 103$$

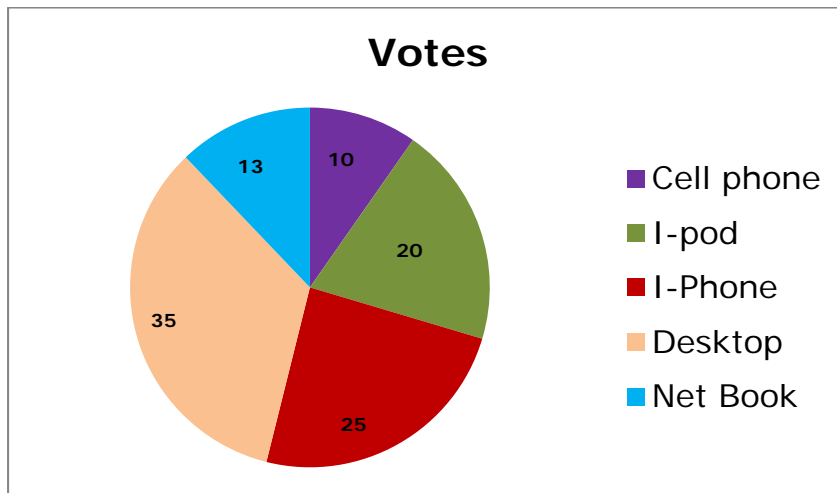
Step 2) Find the percentage of contribution by each choice:

$$\text{Cell phone} = 10/103 = 10\% \quad \text{Ipod} = 20 /103 = 19\%$$

$$\text{Iphone} = 25 /103 = 24\% \quad \text{Desktop} = 35 / 103 = 34\%$$

$$\text{Net Book} = 13 /103 = 13\%$$

Step 3) Slice up your pie graph using the percentages you have determined.



Explanation#2

Step 1) Determine the total number of like:

$$25 + 13 + 50 + 20 + 15 = 123$$

Step 2) Find the percentage of contribution by each choice:

$$\text{Squash} = 25/123 = 20\% \quad \text{Swimming} = 13 /123 = 11\%$$

$$\text{Boxing} = 50 /123 = 41\% \quad \text{Table Tennis} = 20 / 123 = 16\%$$

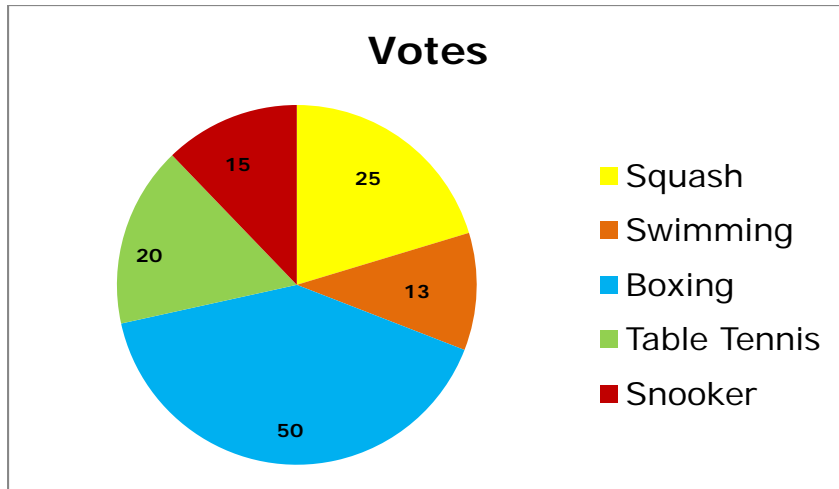
$$\text{Snooker} = 15 /123 = 12\%$$

Step 3) Slice up your pie graph using the percentages you have determined.



Name _____

Date _____



Explanation#3

Step 1) Determine the total number of votes:

$$60 + 50 + 20 + 45 + 35 = 210$$

Step 2) Find the percentage of contribution by each choice:

$$\text{Cake} = 60/210 = 29\%$$

$$\text{Burgers} = 45 / 210 = 21\%$$

$$\text{Cookies} = 50 / 210 = 24\%$$

$$\text{Hot Dogs} = 35 / 210 = 17\%$$

$$\text{Bread} = 20 / 210 = 9\%$$

Step 3) Slice up your pie graph using the percentages you have determined.

