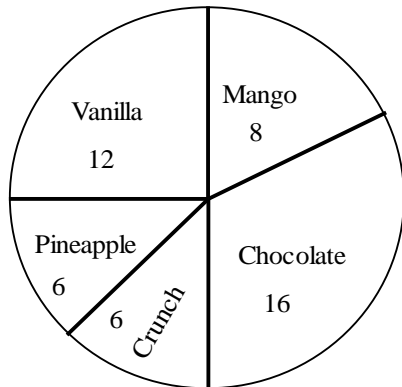


Circle and Bar Graphs

Name _____ Period _____ Date _____

1. A class took a survey on flavors of ice cream. Following is the circle graph of the data. Fill the answers to question in the table at the end.



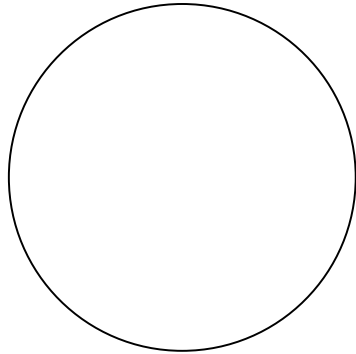
- a. What is the total number of votes?
- b. Find fraction of each part?
- c. Find percentage of each part?
- d. Find measure of each central angle in the graph?

Flavors	Votes	Fraction	Percentage	Degrees
Mango	8			
Chocolate	16			
Crunch	6			
Vanilla	12			
Pineapple	6			
Total				

2. Find the measure of central angle which is represented by the following fractions or percentages
- a. 40% _____
 - b. $\frac{1}{5}$ _____
 - c. $\frac{1}{2}$ _____
 - d. 5% _____
 - e. 30% _____

3. Display data in table in circle graph

Item	Amount
Rent	80\$
Food	60\$
Clothes	20\$
Gas	50\$



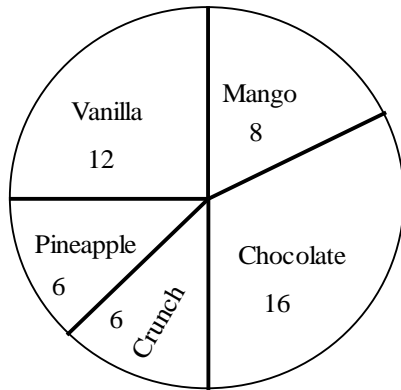
4. A survey was done on the activities of children in order to find their favorite activities. The following graph shows the survey data.



- Which is the most favorite activity of the students?
- Which is the least favorite activity of the students?

Name _____ ANSWER KEY _____ Period _____ Date _____

1. A class took a survey on flavors of ice cream. Following is the circle graph of the data. Fill the answers to question in the table at the end.



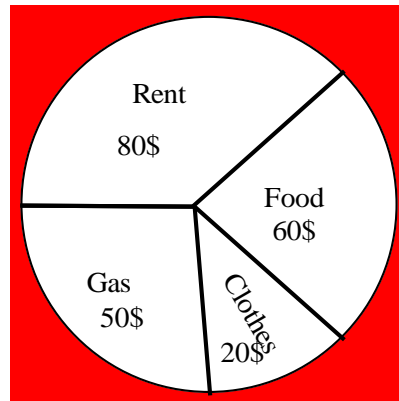
- What is the total number of votes?
- Find fraction of each part?
- Find percentage of each part?
- Find measure of each central angle in the graph?

Flavors	Votes	Fraction	Percentage	Degrees
Mango	8	$\frac{1}{6}$	16.66	60
Chocolate	16	$\frac{1}{3}$	33.33	120
Crunch	6	$\frac{1}{8}$	12.5	45
Vanilla	12	$\frac{1}{4}$	25	90
Pineapple	6	$\frac{1}{8}$	12.5	45
Total	48			

2. Find the measure of central angle which is represented by the following fractions or percentages
- 40% **144**
 - $\frac{1}{5}$ **72**
 - $\frac{1}{2}$ **180**
 - 5% **18**
 - 30% **108**

3. Display data in table in circle graph

Item	Amount
Rent	80\$
Food	60\$
Clothes	20\$
Gas	50\$



5. A survey was done on the activities of children in order to find their favorite activities. The following graph shows the survey data.



c. Which is the most favorite activity of the students? **Watching TV**

d. Which is the least favorite activity of the students? **Reading Books**