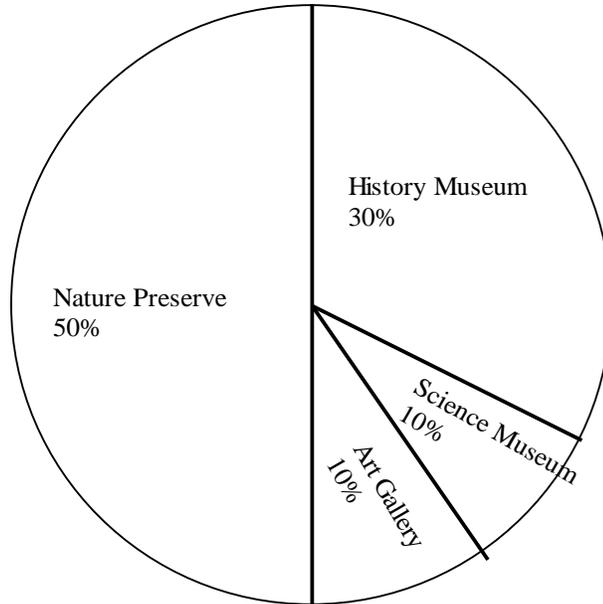


# Circle and Bar Graphs

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

1. Mr. Sobieski asked his class to vote on where they would most like to go on a field trip. The choices he gave them were: history museum, science museum, art gallery, and nature preserve. All 30 students cast one vote each. The pie graph below shows the results.

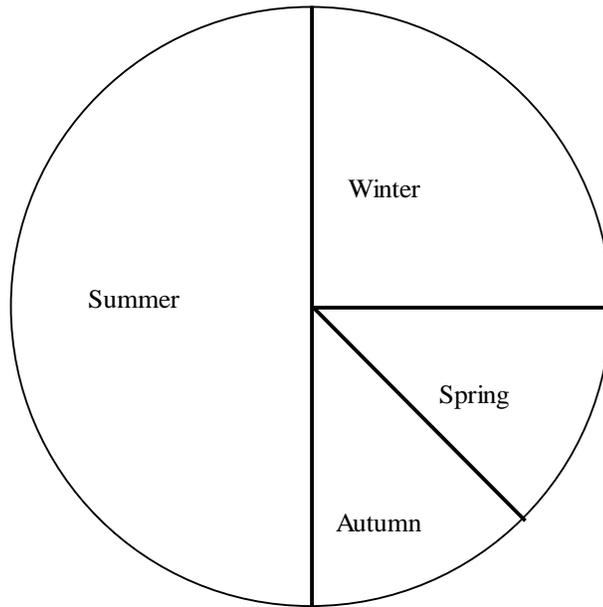


- a. Fill in the table below

Destination	Number of Votes
Nature Preserve	
History Museum	
Science Museum	
Art Gallery	

- b. How many more student chose history museum than science museum?
- c. How many students chose Nature preserve or art gallery?

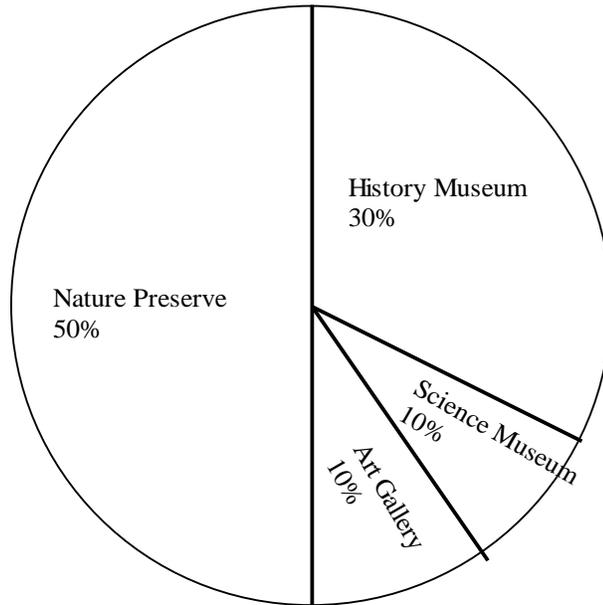
2. George asked his class mates about their favorite seasons, he made a circle graph of the results



- What percentage of George's class mates said winter was their favorite season?
- What percentage of George's class mates said summer was their favorite season?
- What fraction chose winter as their favorite season?
- What fraction chose spring as their favorite season?
- What percentage chose winter or summer as their favorite season?
- If George surveyed 20 class mates how many of them chose summer?
- If George surveyed 32 students how many chose autumn?

Name \_\_\_\_\_ ANSWER KEY \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

1. Mr. Sobieski asked his class to vote on where they would most like to go on a field trip. The choices he gave them were: history museum, science museum, art gallery, and nature preserve. All 30 students cast one vote each. The pie graph below shows the results.

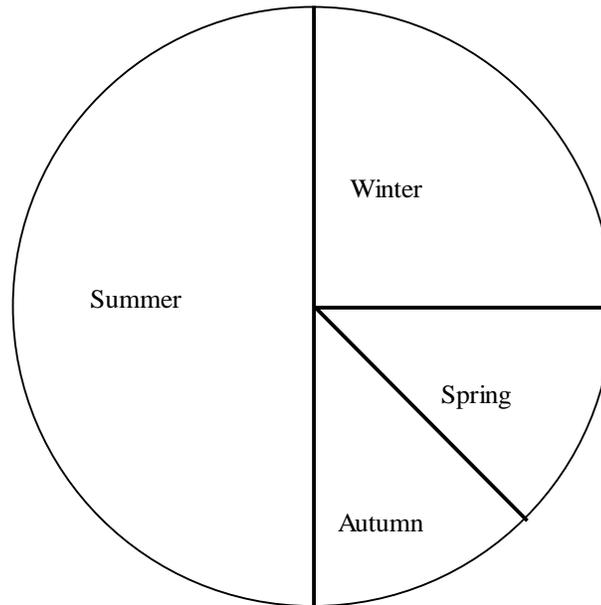


- a. Fill in the table below

Destination	Number of Votes
Nature Preserve	15
History Museum	9
Science Museum	3
Art Gallery	3

- b. How many more student chose history museum than science museum? 6
- c. How many students chose Nature preserve or art gallery? 18

2. George asked his class mates about their favorite seasons, he made a circle graph of the results



- a. What percentage of George's class mates said winter was their favorite season? **25**
- b. What percentage of George's class mates said summer was their favorite season? **50**
- c. What fraction chose winter as their favorite season?  **$\frac{1}{4}$**
- d. What fraction chose spring as their favorite season?  **$\frac{1}{8}$**
- e. What percentage chose winter or summer as their favorite season? **75**
- f. If George surveyed 20 class mates how many of them chose summer? **10**
- g. If George surveyed 32 students how many chose autumn? **4**