

# Make a Circle Graph

Skill 4 - 5H

This is the answer to test question 4 -5H.

This is an example that is completed. Read this to learn how to make a circle graph. You will begin below where the blank circle is.

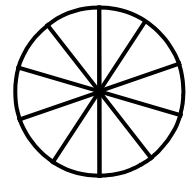
Use the data in the table to make a circle graph and answer the questions.

Favorite Food	
Food	Number of Students
Pizza	5
Hamburgers	2
Tacos	3

1. Find the sum of the column labeled "Number of Students".  $5 + 2 + 3 = 10$

2. Divide the circle graph into equal parts using the total sum above.

This picture shows a circle divided into 10 equal sections.



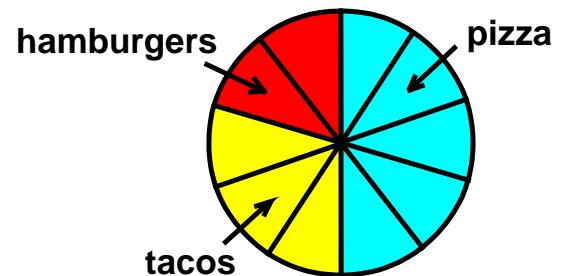
3. Color your circle graph. Use a different color for each food.

4. Label each food on the graph.

5. Write a title above the graph.

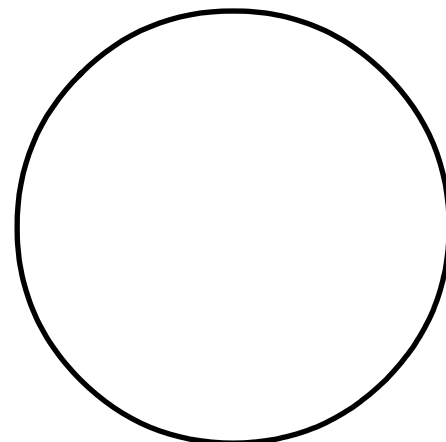
The circle graph shows skill 5H completed.

**Favorite Food**



1. Joey surveyed some friends and asked them to vote for their favorite sport. Use the data in the table to make a circle graph. After the graph is complete, use the graph to answer the questions.

Favorite Sport	
Sport	Number of Votes
Baseball	4
Football	1
Soccer	3



a. Which sport received the fewest votes?

b. Which sport received the most votes?

c. How many people voted in all?

# Circle Graphs

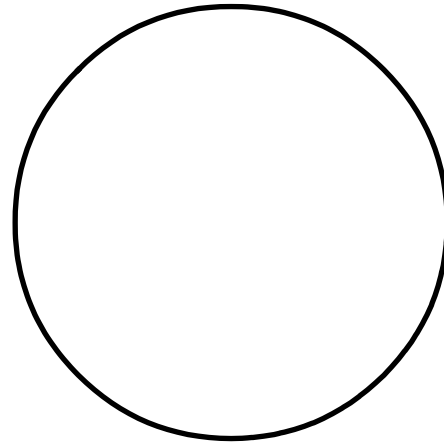
## Skill 4 - 5H

### Make a Circle Graph

2. Anna surveyed some friends and asked them to vote for their favorite pet. Use the data in the table to make a circle graph. After the circle graph is complete, use the graph to answer the questions.

Favorite Pet	
Pet	Number of Votes
Dog	4
Cat	3
Hamster	2
Fish	1

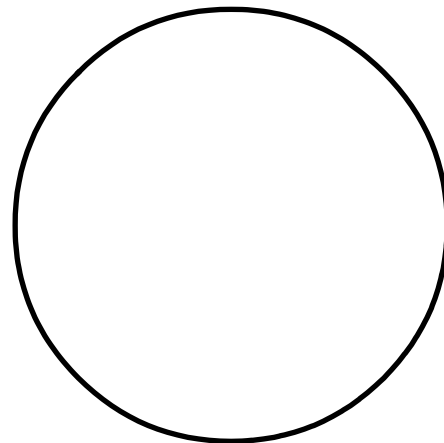
- How many people voted in all?
- How many more friends voted for a dog as their favorite pet than those who voted for fish?
- How many people did not vote for a dog as their favorite pet?



3. David surveyed some friends and asked them to vote for their favorite music. Use the data in the table to make a circle graph. After the circle graph is complete, use the graph to answer the questions.

Favorite Music Category	
Style of Music	Number of Votes
Rock	3
Country	2
Classical	4
Pop	1

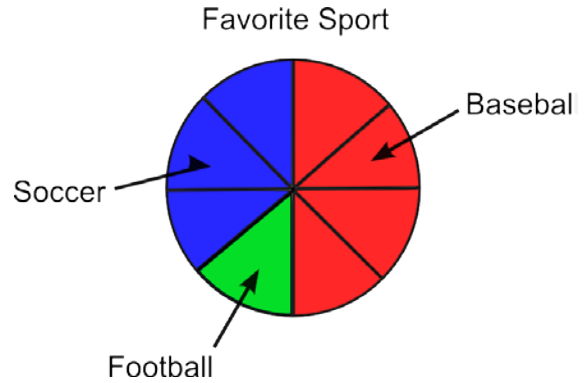
- How many people like country and pop music?
- How many more people like classical music than rock music?
- How many people like rock and classical music?



Answer Key Circle Graphs  
4 - 5H

1.

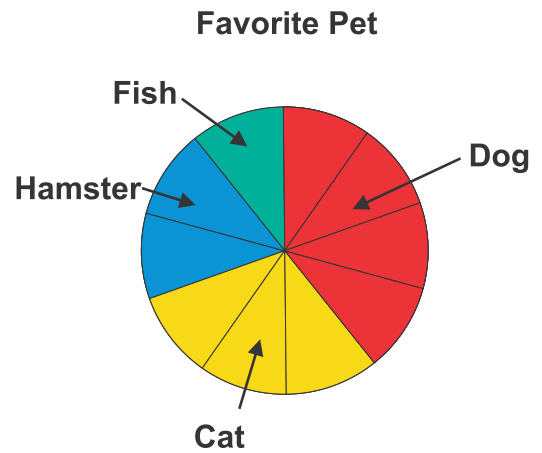
Favorite Sport	
Sport	Number of Votes
Baseball	4
Football	1
Soccer	3



- Which sport received the fewest votes? Football
- Which sport received the most votes? Baseball
- How many people voted in all? 8

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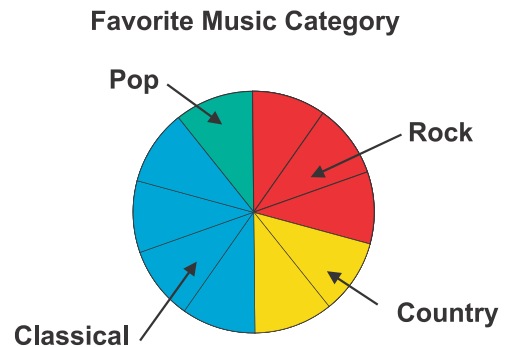
Favorite Pet	
Pet	Number of Votes
Dog	4
Cat	3
Hamster	2
Fish	1



- How many people voted in all? 10
- How many more friends voted for a dog as their favorite pet than those who voted for fish? 3
- How many people did not vote for a dog as their favorite pet? 6

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Favorite Music Category	
Style of Music	Number of Votes
Rock	3
Country	2
Classical	4
Pop	1



- How many people like country and pop music? **3**
- How many more people like classical music than rock music? **1**
- How many people like rock and classical music? **7**