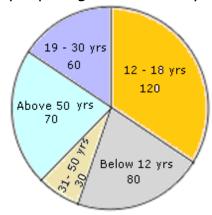
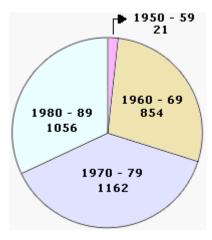
## Finding a percentage of a total amount in a circle graph: Worksheet 12.1

Name	Date	Score
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1. The circle graph shows the number of people of different age groups, who visited a certain fast food joint during a week. What percent of the people aged above 50 years visited the food joint?

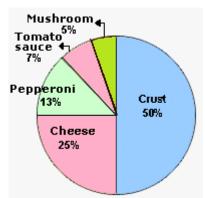


2. The circle graph shows the number of space vehicles sent into space during 40 years. What is the percentage of space vehicles that were sent during 1950-59?

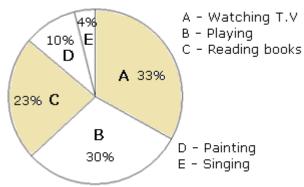




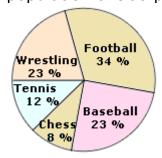
3. The circle graph shows the percentages of items used in the making of a pizza which weighs 600 gm. Which item is used in the least quantity in the preparation of the pizza and what is its weight?



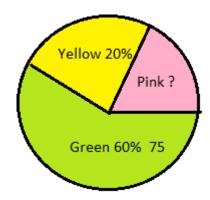
4. Mr. Nelson asked students in his class how they spent their leisure time. The responses are as shown in the circle graph. If there are 70 students in the class how many students spent their leisure time in painting?



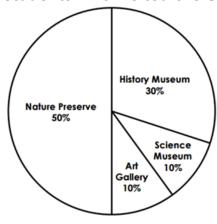
5. A circle graph is drawn to represent a sample of 100 people who like various sports. Find the number of people who like chess out of a population of 900 people.



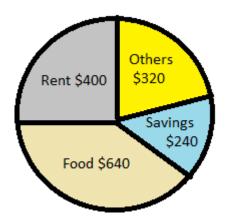
6. Some of the sixth graders were surveyed about their favorite color. The circle graph shows the results of the survey. What percent and how many students like the pink color?



7. If the circle graph gives information about the visits of 360 students to History Museum, Nature Reserve, Art Gallery etc., find the number of students who visited the Science Museum?



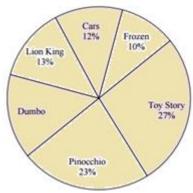
8. The following is a circle graph showing the monthly expenditure of Jason. How much does he spend on rent as a percentage?



9. If the class election results are as given in the circle graph and if the total votes polled were 400. How many voted for Emily?



10. If the total number of people who saw the following movies in circle graph was 260 what is the number of people who saw Dumbo?



## Solutions: Worksheet 12.1

- 1. 19.44%
- 2. 27.8%
- 3. 30 gm
- 4. 7
- 5. 72
- 6. 20%, 25
- 7. 36
- 8. 25%
- 9. 68
- 10. 39