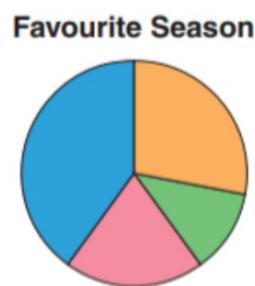


Ws 160 / 163

6. Gaston collected data about the favourite season of his classmates.

Classmates' Favourite Season				
Season	Autumn	Winter	Spring	Summer
Number of Students	7	3	5	10

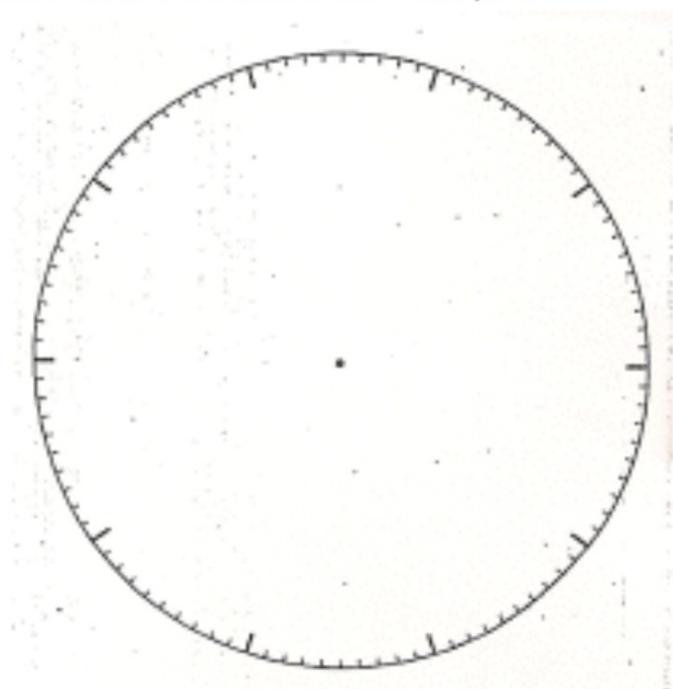


He recorded the results in a circle graph.

The graph is not complete.

- How many students were surveyed?
- Write the number of students who chose each season as a fraction of the total number of students, then as a percent.
- Explain how you can check your answers to part b.
- Sketch the graph. Label each sector with its name and percent.

How did you do this?



1. The table shows the number of Grade 7 students with each eye colour at Northern Public School.

Eye Colour	Number of Students
Blue	12
Brown	24
Green	8
Grey	6



- Find the total number of students.
- Write the number of students with each eye colour as a fraction of the total number of students.
- Write each fraction as a percent.
- Draw a circle graph to represent these data.

Use hundred circle for tonight



2. In a telephone survey, 400 people voted for their favourite radio station.

- a) How many people chose EASY2?
- b) Write the number of people who voted for each station as a fraction of the total number who voted.

Then write each fraction as a percent.

- c) Draw a circle graph to display the results of the survey.

Use hundred circle for tonight

Radio Station	Votes
MAJIC99	88
EASY2	?
ROCK1	120
HITS2	100

