

# MATCH DATA WITH GRAPHICAL REPRESENTATION



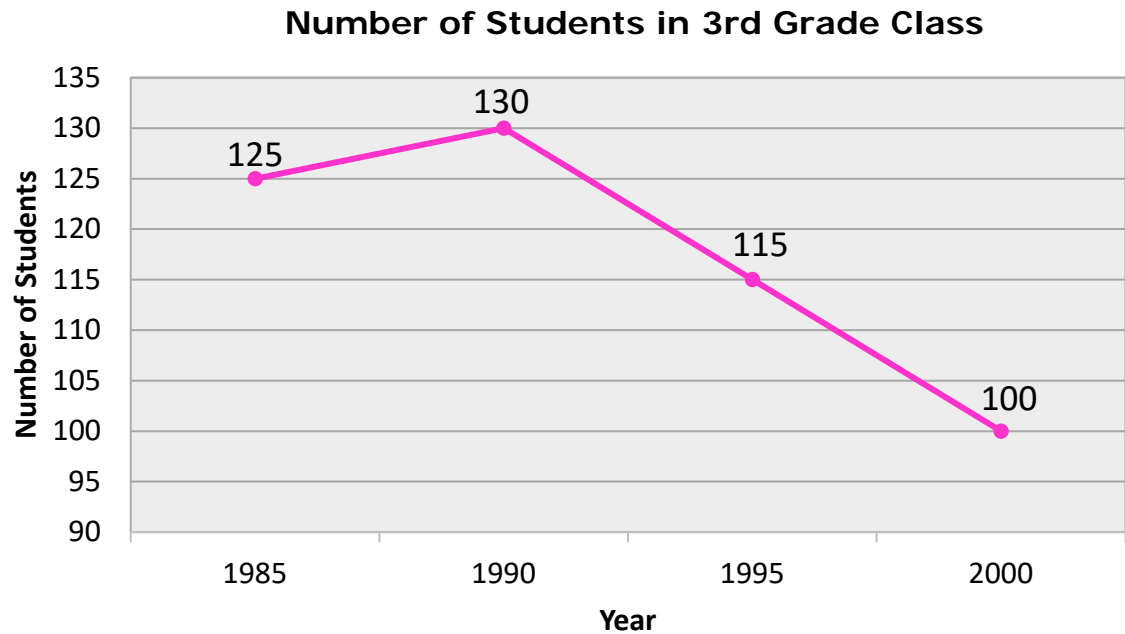
## Unit Overview

In this unit, you will be examining various types of graphs. You will look at data graphed in a line graph, bar graph, and a circle graph. You will also consider the given data and determine the best graphical representation for the set of data.

## Line Graph

Beth is examining the student enrollment in her school's 3rd grade class. She started with the year 1985 and made a line graph to look for a trend for the enrollment at her school. The line graph displayed that there is an overall gradual decline in enrollment.

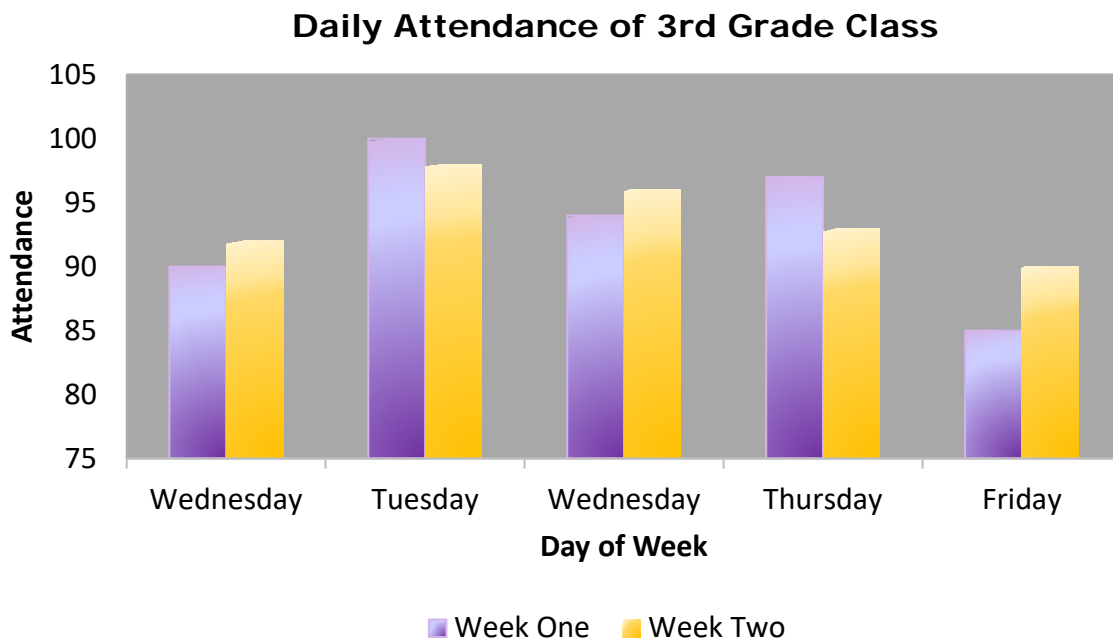
Number of Students in 3rd Grade Class	
Year	Number
1985	125
1990	130
1995	115
2000	100



## Bar Graph

Beth is examining the daily attendance of her 3rd grade class. She wanted to see which day of school students attend best. She selected a bar graph to compare the data for two weeks. She found that the daily attendance was best on Tuesday.

Daily Attendance of 3rd Grade Class		
	Week One	Week Two
Monday	90	92
Tuesday	100	98
Wednesday	94	96
Thursday	97	93
Friday	85	90



## Circle Graph

Beth is examining the reasons for student absences on Friday. She decided to display the information in a circle graph to show percentages of the whole group.

Sick	8
Doctor's Appointment	4
Unexcused	2
Other	1

Reasons for Absences

