

# Math Practice Sheets

Graphs and Data

Student Name

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**Examples**

**Practice Questions**

**Extra Challenge Unit**

## Example

The process of collecting data or information by using questions is called a survey. A chart or a table using numbers to show how many times a response is recorded is called a frequency table.

The survey result can be shown in a frequency table by using tally marks.

The following shows the survey results in grade 5 of question 'How old are you?'

8, 9, 10, 11, 11, 8, 9, 10, 8,  
11, 11, 9, 10, 11, 9, 8, 9,  
10, 9, 12, 12

Make the frequency chart.

Age of students		
Age (in yrs)	Number of students	
	Tally	Number
8		4
9	 	6
10		4
11	 	5
12		2

## Exercise

1. William records the scores of the I.Q. test of his students as follows.

131, 125, 121, 121, 120, 125, 83,  
100, 90, 90, 100, 95, 100, 95, 90,  
83, 121, 95, 83, 92, 100, 90, 121, 90

- a) Make a frequency table by using the tally chart.

b) Which score did the most number of students make? \_\_\_\_\_

c) Which score did the least number of students make? \_\_\_\_\_

d) How many students made 121? \_\_\_\_\_

e) How many students participated in the survey in total? \_\_\_\_\_