

Study the following.

data (**day**-tuh) - pieces of information gathered by asking questions, counting, or measuring. (I collected data on the height of the school basketball team members.)

statistics (stuh-**tiss**-tikss) - math used to gather, organize, summarize, and communicate data. You can make conclusions based on statistics. (I used statistics to see what month it rains the most in Texas.)

survey (**sur**-vay) - asking different people the same questions and writing down what they say. (I did a survey of my classmates to see where they wanted to go for a class trip.)

table (**tay**-buhl) - a box with columns and rows used to help gather and record data. (I wrote down my survey results in a table.)

tally mark (**tal**-ee) - a mark used to help count when you are gathering data. Tally marks are usually written in groups of 5 with four up and down, and one slanted across the others. |||| (I wrote 5 tally marks in the first row of the table.)

Say each word out loud and write it in the blank.

statistics _____

data _____

survey _____

table _____

tally _____

Write each definition in your own words.

statistics

data

survey

table

tally marks

Write two sentences using each word.

statistics

1.

2.

data

1.

2.

survey

1.

2.

table

1.

2.

tally mark

1.

2.

Matching.

statistics-

math used to gather, organize, summarize, and communicate data.

data-

a box with columns and rows used to help gather and record data.

survey-

pieces of information gathered by asking questions, counting, or measuring.

table-

a mark used to help count when you are gathering data

tally mark-

asking different people the same questions and writing down what they say.

Study the following.

Here is an example of a table of data. Classroom students were surveyed and asked what their favorite sport is. This table shows the results.

Favorite sport	Tally	Number of students
Swimming	 111	8
Baseball		4
Basketball		3
Volleyball	 	5
Running		3
Total		23

Fill in the following table with tally marks. Put any amounts you like. Then add them up and fill in the right hand column and the total.

Favorite ice cream	Tally	Number of students
vanilla		
chocolate		
strawberry		
mint chip		
coffee		
Total		