

Time

10.3

Analyze Data

Alg I

I can find frequencies in a two-way frequency table.

Two-Way frequency Table: Divides data into categories across the top and down the side

	Apples	Oranges	Total
Boys	15	18	33
Girls	21	16	37
Total	36	34	70

Ch. 10 Quiz

Ch. 9/10 Test

Joint Frequencies: Comes from the body of the table

Marginal Frequencies: Comes from the rows and columns totals of the table

Example 1:

1) Science = 7

English = 9

Example 2:

Given Information

2)

	Golf	Basketball	Soccer	Total
Boys	10	24	46	80
Girls	12	26	34	72
Totals	22	50	80	152

Name

10.3 Analyze Data

E.OI

Alg I

I can find frequencies in a two-way frequency table.

- * Girls Golf: $22 - 10 = 12$
- * Boys Basketball: $50 - 26 = 24$
- * Total Soccer: $152 - 50 - 22 = 80$
- * Total Girls: $152 - 80 = 72$
- * Girls Soccer: $72 - 26 - 12 = 34$
- * Boys Soccer: $80 - 34 = 46$

Ch. 10 Quiz

Ch. 9/10 Test

* Complete Skills Practice, pg. 675, #

Example 1: Given the information

Total	Soccer	Girls	Boys	Total
80	26	10	16	80
152	22	12	10	152
152	80	72	80	152

Example 2:
 $P = \frac{10}{152}$
 $P = \frac{16}{152}$