

Name: _____ Class: _____ Date: _____

Relative Frequency

Students in 6th and 8th grade were asked if they preferred science or math class.

	Prefers Science	Prefers Math	Total
6th graders	8	11	19
8th graders	17	9	26
Total	25	20	45

- How many students preferred science?
- How many students were 8th graders?
- How many students were surveyed in all?

People living in the United States and Canada were asked whether they preferred coffee or tea more.

	Prefer Coffee	Prefer Tea	Total
United States	57	22	79
Canada	49	31	80
Total	106	53	159

- What fraction of people surveyed were from Canada?
- What fraction of people surveyed preferred coffee?
- What fraction of people who preferred tea were from the United States?

A movie theater kept track of the number of tickets it sold for a certain movie each day of the past weekend.

	Friday	Saturday	Sunday	Total
Kids	10	13	2	25
Adults	37	42	21	100
Senior	7	10	12	29
Total	54	65	35	154

- What fraction of people went to the movie on Saturday?
- What percent of people were adults who saw the movie on Friday?
- What percent of people were kids who saw the movie on Sunday?
- What fraction of people were seniors who saw the movie on Saturday?

Students were asked what their least favorite chore was.

	Dishes	Laundry	Yard Care	Total
Freshmen	11	6	16	33
Sophomores	18	10	7	35
Juniors	7	15	13	35
Seniors	11	9	10	30
Total	47	40	46	133

- What fraction of people surveyed were sophomores?
- What fraction of people surveyed were juniors whose least favorite chore was laundry?
- What percent of freshmen surveyed said their least favorite chore was dishes?
- What percent of people surveyed said their least favorite chore was yard care?