

5.3 Practice B

In Exercises 1 and 2, use the two-way table to create another two-way table that shows the joint and marginal relative frequencies.

1.

		Surfing Style		Total
		Regular	Advanced	
Gender	Male	86	24	110
	Female	77	18	95
Total		163	42	205

2.

		Fishing License		Total
		Yes	No	
Hunting License	Yes	65	37	102
	No	177	341	518
Total		242	378	620

3. In a survey, 5 people exercise regularly and 21 people do not. Of those who exercise regularly, 1 person felt tired. Of those that did not exercise regularly, 1 person felt tired.
- Organize these results in a two-way table. Then find and interpret the marginal frequencies.
 - Make a two-way table that shows the joint and marginal relative frequencies.
 - Make a two-way table that shows the conditional relative frequencies for each exercise category.