Your Name: _____

Names of people you worked with: _____

1. Do you prefer the mountains or the beach?

2. Can you think of a scenario where censoring and survival time would not be independent?

3. Consider the chip melting data. Fill out the next two rows of Table 9.5 in your text.

| Group 1 (milk chocolate) | 35^+ | 30 | 60^+ | 45 | 25 | 55 | 30^+ | | |
| Group 2 (white chocolate) | 45^+ | 35 | 48 | 64^+ | 72 | 42 | 55^+ | 43 | 62 |

time interval	n_j	number censored	d_j	d_{1j}	d_j/n_j	n_{1j}	n_{2j}	E_{1j}	V_{1j}
$[25,30)$	16	0	1	1	1/16	7	9	7/16	0.246
$[30,35)$	15	1	1	1	1/15	6	9	6/15	0.240
$[35,42)$	13	1	1	0	1/13	4	9	4/13	0.213
$[42,43)$	11	0	1	0	1/11	3	8	2/11	0.198
$[43,45)$	10	0	1	0	1/10	3	7	3/10	0.210
$[45,48)$	9	1	1	1	1/9	3	6	3/9	0.222
$[48,55)$									
$[55,62)$									
$[62,72)$								0	0
$[72,72)$								0	0

Solution:

time interval	n_j	number censored	d_j	d_{1j}	d_j/n_j	n_{1j}	n_{2j}	E_{1j}	V_{1j}
$[25,30)$	16	0	1	1	1/16	7	9	7/16	0.246
$[30,35)$	15	1	1	1	1/15	6	9	6/15	0.240
$[35,42)$	13	1	1	0	1/13	4	9	4/13	0.213
$[42,43)$	11	0	1	0	1/11	3	8	2/11	0.198
$[43,45)$	10	0	1	0	1/10	3	7	3/10	0.210
$[45,48)$	9	1	1	1	1/9	3	6	3/9	0.222
$[48,55)$	7	0	1	0	1/7	2	5	2/7	0.204
$[55,62)$	6	2	1	0	1/6	2	4	2/6	0.222
$[62,72)$	3	1	1	0	1/3	0	3	0	0
$[72,72)$	1	0	1	0	1/1	0	1	0	0

3.