

SELLING COOKIES

Your class is fundraising for a school trip and wants to sell boxes of cookies outside of Tim Horton's. Look at the coffee sales data below to decide what time should you set up and what time should you go home. Show your thinking. You may want to draw a graph to help you.

Tim Horton's

Midnight Breakdown	Front Counter		Drive Thru		Mobile		Total	
	Period	Units	Sales	Units	Sales	Units	Sales	Units
9:00 PM - 9:30 PM	5	9.23	12	24.52	0	0.00	17	33.75
9:30 PM - 10:00 PM	1	1.81	11	22.35	0	0.00	12	24.16
10:00 PM - 10:30 PM	1	2.24	6	11.04	0	0.00	7	13.28
10:30 PM - 11:00 PM	1	1.81	7	14.14	0	0.00	8	15.95
11:00 PM - 11:30 PM	2	4.23	4	8.96	0	0.00	6	13.19
11:30 PM - 12:00 AM	3	5.43	2	3.62	0	0.00	5	9.05
12:00 AM - 12:30 AM	0	0.00	3	5.03	0	0.00	3	5.03
12:30 AM - 1:00 AM	2	3.95	2	4.05	0	0.00	4	8.00
1:00 AM - 1:30 AM	2	4.23	0	0.00	0	0.00	2	4.23
3:00 AM - 3:30 AM	3	6.47	5	9.95	0	0.00	8	16.42
3:30 AM - 4:00 AM	2	4.23	0	0.00	0	0.00	2	4.23
4:00 AM - 4:30 AM	0	0.00	5	8.76	0	0.00	5	8.76
4:30 AM - 5:00 AM	0	0.00	7	14.40	0	0.00	7	14.40
5:00 AM - 5:30 AM	7	13.85	4	7.13	0	0.00	11	20.98
5:30 AM - 6:00 AM	4	6.85	10	19.96	1	1.99	15	28.80
6:00 AM - 6:30 AM	4	7.60	18	36.71	0	0.00	22	44.31
6:30 AM - 7:00 AM	4	7.42	17	33.93	0	0.00	21	41.35
7:00 AM - 7:30 AM	9	18.02	28	56.03	0	0.00	37	74.05
7:30 AM - 8:00 AM	10	18.96	33	66.37	0	0.00	43	85.33
8:00 AM - 8:30 AM	14	27.25	40	78.47	0	0.00	54	105.72
8:30 AM - 9:00 AM	21	41.25	38	75.02	0	0.00	59	116.27
9:00 AM - 9:30 AM	23	45.19	36	72.24	0	0.00	59	117.43
9:30 AM - 10:00 AM	31	59.70	23	62.09	0	0.00	54	121.79
10:00 AM - 10:30 AM	26	48.77	29	57.12	0	0.00	55	105.89
10:30 AM - 11:00 AM	19	52.61	51	99.50	0	0.00	70	152.11
11:00 AM - 11:30 AM	17	33.69	33	63.01	1	1.81	51	98.51
11:30 AM - 12:00 PM	20	33.05	30	58.06	0	0.00	50	91.11
12:00 PM - 12:30 PM	12	21.65	23	44.29	0	0.00	35	65.94
12:30 PM - 1:00 PM	13	23.41	23	45.59	2	4.48	38	73.48
1:00 PM - 1:30 PM	16	65.56	16	32.19	0	0.00	32	97.75
1:30 PM - 2:00 PM	14	24.97	11	20.30	0	0.00	25	45.27
2:00 PM - 2:30 PM	14	26.28	11	20.59	0	0.00	25	46.87
2:30 PM - 3:00 PM	8	13.97	14	26.88	0	0.00	22	40.85
3:00 PM - 3:30 PM	15	26.96	18	33.61	1	1.81	34	62.38
3:30 PM - 4:00 PM	10	18.71	17	33.28	0	0.00	27	51.99
4:00 PM - 4:30 PM	6	11.29	14	27.39	0	0.00	20	38.68
4:30 PM - 5:00 PM	3	5.61	22	42.33	0	0.00	25	47.94
5:00 PM - 5:30 PM	7	12.34	19	35.58	0	0.00	26	47.92
5:30 PM - 6:00 PM	3	5.43	15	29.09	0	0.00	18	34.52
6:00 PM - 6:30 PM	8	14.40	9	18.05	0	0.00	17	32.45
6:30 PM - 7:00 PM	9	16.64	13	25.15	0	0.00	22	41.79
7:00 PM - 7:30 PM	2	3.98	16	30.07	0	0.00	18	34.05
7:30 PM - 8:00 PM	4	7.38	12	24.77	0	0.00	16	32.15
8:00 PM - 8:30 PM	7	13.24	11	20.88	0	0.00	18	34.12
8:30 PM - 9:00 PM	0	0.00	10	20.04	0	0.00	10	20.04
TOTALS	382	\$769.66	728	\$1,442.54	5	\$10.09	1,115	\$2,222.29

