

53	2	25
54	3	30

MY NOTES

DATE: / /

X_i	f_i	F_i	f_r	%	$X_i \cdot f_i$
36	2	2	0.04	4%	72
37	2	4	0.04	4%	74
40	1	5	0.02	2%	40
42	3	8	0.06	6%	126
45	2	10	0.04	4%	90
46	3	13	0.06	6%	138
48	1	14	0.02	2%	48
50	4	18	0.08	8%	180
51	2	20	0.04	4%	102
52	1	21	0.02	2%	52
53	2	23	0.04	4%	106
54	3	26	0.06	6%	162
56	5	31	.1	10%	280
57	3	34	0.06	6%	171
58	3	37	0.06	6%	174
60	2	39	0.04	4%	120
61	3	42	0.06	6%	183
62	4	46	0.08	8%	248
63	6	52	0.12	12%	378
65	1	53	0.02	2%	65
50					5076

$$M_e = 54$$

$$M_o = 54$$

$$\bar{X} = \frac{5076}{50} = 101.52$$

$$M_e = L_i + \frac{f - F_{i-1}}{f_i - f_{i-1}} \cdot h$$

$$M_e = 8 + \frac{11 - 8}{11 - 8} \cdot 3 = 8 + \frac{3}{3} \cdot 3 = 11$$

$$M_o = \frac{L_i + f_i - f_{i-1}}{(f_i - f_{i-1}) + (f - f_{i-1})}$$

M