Table 10.3 Least squares calculations

	Week i	x_i	y_i	$x_i - \bar{x}$	$y_i - \bar{y}$	$(x_i - \bar{x})(y_i - \bar{y})$	$(x_i - \bar{x})^2$
	1	2	45	–4.1	13.3	–54.53	16.81
	2	4	41	–2.1	9.3	–19.53	4.41
	3	4	43	–2.1	11.3	–23.73	4.41
	4	5	37	–1.1	5.3	–5.83	1.21
	5	5	32	–1.1	0.3	–0.33	1.21
	6	6	34	–0.1	2.3	–0.23	0.01
	7	7	28	0.9	–3.7	–3.33	0.81
	8	8	20	1.9	–11.7	–22.23	3.61
	9	8	22	1.9	–9.7	–18.43	3.61
	10	12	15	5.9	–16.7	–98.53	34.81
Totals		61	317			–246.7	70.9