

Table 6.1: A numerical example of Marx's model of extended reproduction

<i>End of year</i>	<i>Department</i>	<i>Constant capital c_i</i>	<i>Variable capital v_i</i>	<i>Surplus value s_i</i>	<i>Surplus value consumed s_{oi}</i>	<i>Surplus value invested in c ($s_{ci} = \Delta c_i$)</i>	<i>Surplus value invested in v ($s_{vi} = \Delta v_i$)</i>	<i>Total value a_i</i>	<i>Capitalists' savings ratio α_i</i>
1	I	4 000	1 000	1 000	500	400	100	6 000	0.5
1	II	1 500	750	750	600	100	50	3 000	0.2
2	I	4 400	1 100	1 100	550	440	110	6 600	0.5
2	II	1 600	800	800	560	160	80	3 200	0.3
3	I	4 840	1 210	1 210	605	484	121	7 260	0.5
3	II	1 760	880	880	616	176	88	3 520	0.3
4	I	5 324	1 331	1 331	665	532	133	7 986	0.5
4	II	1 936	968	968	678	193	97	3 872	0.3
5	I	5 856	1 464	1 464	732	586	146	8 784	0.5
5	II	2 129	1 065	1 065	745	213	107	4 259	0.3
6	I	6 442	1 610	1 610	805	644	161	9 662	0.5
6	II	2 342	1 172	1 172	821	234	117	4 686	0.3

Note: All magnitudes have, where relevant, been rounded off to whole numbers..