Problem You are given the following text and pattern strings. Use the Rabin-Karp algorithm to search for the pattern in the text. Use summation as the hashing function, as was used in the class. Display your answer as in Table 7.2, P. 163, of the book, along with indications of the positions where there are matches.

$text$	6	3	4	1	1	7	2	9	1	7	1	2	7	3	2	8	6	1	1	7
$pattern$	11729

Solution Below * denotes the right end of a match.

text	6	3	4	1	1	7	2	9	1	7	1	2	7	3	2	8	6	1	1	7
val					15	16	15	20	20	26	20	20	18	20	15	22	26	20	18	23
match								*												