

TABLE 6-2  
DIVISION - ILLUSTRATIVE PROGRAM

Problem: Divide P 0 2090070 000 by P 0 230 000 000. Round answer off to 4 places. No interlock.

Period	Add. Time	Quotient Accumulator	Stores after Receiving	Numerator Accumulator	Stores after Receiving	Denominator Accumulator	Stores during period 1 and stores thereafter.	Shift Accumulator	Stores after Receiving
I	1			P 0 209 070 000	P 0 209 070 000	P 0 230 000 000			
	2								
	3								
	4			M 9 770 000 000	M 9 979 070 000				
II	5	P 0 100 000 000	P 0 100 000 000						
	6								
	7			M 9 790 700 000	M 9 790 700 000				
	8			P 0 230 000 000	P 0 040 700 000				
shift	9	M 9 990 000 000	P 0 090 000 000						
	10								
	11			P 0 207 000 000	P 0 207 000 000				
	12			M 9 770 000 000	M 9 977 000 000				
III	13	P 0 001 000 000	P 0 091 000 000						
	14								
	15			M 9 770 000 000	M 9 770 000 000				
	16			P 0 230 000 000	P 0 000 000 000				
IV	17			P 0 230 000 000	P 0 230 000 000				
	18			P 0 230 000 000	P 0 460 000 000				
	19			P 0 230 000 000	P 0 690 000 000				
	20			P 0 230 000 000	P 0 920 000 000				
IV	21								
	22	P 0 000 000 000	P 0 091 000 000						
	23								
	24								
	25								

Program output pulse and answer disposal signal is transmitted  
Answer is transmitted from quotient accumulator.