

(2) (1+3 + C(412)* (8 *4)))

(b) Infix to postfix

	Ch 2000	t 540,00	S a series	
diam'r	Carren		Expression	
	1	empty	1	
	+	+C	1	
	3	+ (1 3	
	+	+ C	13 +	
	C	(+c	13 +	
	(((+c	13 †	
	4	(c+c)	13+4	
	/	1cc+c	13 + 4	
	9	100+0	13+42	
)	C+C	13+42/	
	*	米(十〇	13+42	
	C	C*C+C	13+421	
	8	C*C+C	13+42/8	
	*	*C*C +C	13+4218	
	4	*C*C+C	13+42/84	
)	* C + C	13+42/8	4 *
)	tc	13 + 42 1 8	4 **
)	eupty	13 + 42 80	4**+
		·	postfix	
-			71717	

(C) postfix evaluation.

$$|2 \times |2 \times |= |2$$

$$|3 \rangle$$

$$\begin{array}{c|c}
2 & -33-2 & = 1 \\
\hline
13 & & & \\
12 & & & \\
\end{array}$$

9 3 + 3 2+9 = 4 4 -> 4 -> 4 71- 4 12 (6) (5) 1 -> 12/4=3 12 Aus . 4) (1+2-3)(b) Infix to Prstfix current Stuck appression empty 1 C 1 +C + (12 - & C 12+3-—₩ c 3 12 + 3 empt y Pastrix (C) Postfix Caroliation 3 -13-3=0 Ans = 0