

# P-Commands

פעולה	מצב המחסנית לפני הקריאה	פקודה
a = pop() b = pop() push(b+a)	a b ...	ADD
a = pop() b = pop() push(b-a)	a b ...	SUB
a = pop() b = pop() push(b*a)	a b ...	MUL
a = pop() b = pop() push(b/a)	a b ...	DIV
a = pop() b = pop() push(b<a)	a b ...	LES
a = pop() b = pop() push(b>a)	a b ...	GRT
a = pop() b = pop() push(b≤a)	a b ...	LEQ
a = pop() b = pop() push(b≥a)	a b ...	GEQ
a = pop() b = pop() push(b=a)	a b ...	EQU
a = pop() b = pop() push(b≠a)	a b ...	NEQ
a = pop() b = pop() push(b and a)	a b ...	AND
a = pop() b = pop() push(b or a)	a b ...	OR
val = pop() push(-val)	val ...	NEG

val = pop() push(not val)	val ...	NOT
val = pop() addr = pop() memory[addr] = val	val addr ...	STO
addr = pop() push(memory[addr])	addr ...	IND
push(val)	...	LDC val
val = pop() if not val: pc = addr - 1	val ...	FJP addr
pc = addr - 1	...	UJP addr
val = pop() val is printed to the screen	val ...	PRINT/OUT
שימו לב: PC מקודם ב-1 לאחר ביצוע כל פקודה.		