	0	1	2	3	4	5	6	7
0	BRK #imm	BPL rel	JSR abs	BMI rel	RTI	BVC rel	RTS	BVS rel
1	ORA (zp,X)	ORA (zp),Y	AND (zp,X)	AND (zp),Y	EOR (zp,X)	EOR (zp),Y	ADC (zp,X)	ADC (zp),Y
2		ORA (zp)		AND (zp)		EOR (zp)		ADC (zp)
3								
4	TSB zp	TRB zp	BIT zp	BIT zp,X			STZ zp	STZ zp,X
5	ORA zp	ORA zp,X	AND zp	AND zp,X	EOR zp	EOR zp,X	ADC zp	ADC zp,X
6	ASL zp	ASL zp,X	ROL zp	ROL zp,X	LSR zp	LSR zp,X	ROR zp	ROR zp,X
7								
8	PHP	CLC	PLP	SEC	PHA	CLI	PLA	SEI
9	ORA #imm	ORA abs,Y	AND #imm	AND abs,Y	EOR #imm	EOR abs,Y	ADC #imm	ADC abs,Y
A	ASL A	INC A	ROL A	DEC A	LSR A	PHY	ROR A	PLY
B								
C	TSB abs	TRB abs	BIT abs	BIT abs,X	JMP abs		JMP (abs)	JMP (abs,X)
D	ORA abs	ORA abs,X	AND abs	AND abs,X	EOR abs	EOR abs,X	ADC abs	ADC abs,X
E	ASL abs	ASL abs,X	ROL abs	ROL abs,X	LSR abs	LSR abs,X	ROR abs	ROR abs,X
F								

	8	9	A	B	C	D	E	F
0	BRA rel	BCC rel	LDY #imm	BCS rel	CPY #imm	BNE rel	CPX #imm	BEQ rel
1	STA (zp,X)	STA (zp),Y	LDA (zp,X)	LDA (zp),Y	CMP (zp,X)	CMP (zp),Y	SBC (zp,X)	SBC (zp),Y
2		STA (zp)	LDX #imm	LDA (zp)		CMP (zp)		SBC (zp)
3								
4	STY zp	STY zp,X	LDY zp	LDY zp,X	CPY zp		CPX zp	
5	STA zp	STA zp,X	LDA zp	LDA zp,X	CMP zp	CMP zp,X	SBC zp	SBC zp,X
6	STX zp	STX zp,Y	LDX zp	LDX zp,Y	DEC zp	DEC zp,X	INC zp	INC zp,X
7								
8	DEY	TYA	TAY	CLV	INY	CLD	INX	SED
9	BIT #imm	STA abs,Y	LDA #imm	LDA abs,Y	CMP #imm	CMP abs,Y	SBC #imm	SBC abs,Y
A	TXA	TXS	TAX	TSX	DEX	PHX	NOP	PLX
B								
C	STY abs	STZ abs	LDY abs	LDY abs,X	CPY abs		CPX abs	
D	STA abs	STA abs,X	LDA abs	LDA abs,X	CMP abs	CMP abs,X	SBC abs	SBC abs,X
E	STX abs	STZ abs,X	LDX abs	LDX abs,Y	DEC abs	DEC abs,X	INC abs	INC abs,X
F								