

Mnemonic	Size	OP-Code	Clock	Flags SZHPNC	Effect
ADC A, (HL)	1	8E	7	***V0*	A=A+[HL]+CY
ADC A, (IX+n)	3	DD 8E XX	19	***V0*	A=A+[IX+n]+CY
ADC A, (IY+n)	3	FD 8E XX	19	***V0*	A=A+[IY+n]+CY
ADC A, r	1	88+rb	4	***V0*	A=A+r+CY
ADC A, N	2	CE XX	7	***V0*	A=A+N+CY
ADC HL, BC	2	ED 4A	15	***V0*	HL=HL+BC+CY
ADC HL, DE	2	ED 5A	15	***V0*	HL=HL+DE+CY
ADC HL, HL	2	ED 6A	15	***V0*	HL=HL+HL+CY
ADC HL, SP	2	ED 7A	15	***V0*	HL=HL+SP+CY
ADD A, (HL)	1	86	7	***V0*	A=A+[HL]
ADD A, (IX+n)	3	DD 86 XX	19	***V0*	A=A+[IX+n]
ADD A, (IY+n)	3	FD 86 XX	19	***V0*	A=A+[IY+n]
ADD A, r	1	80+rb	4	***V0*	A=A+r
ADD A, N	2	C6 XX	7	***V0*	A=A+N
ADD HL, BC	1	09	11	--*-0*	HL=HL+BC
ADD HL, DE	1	19	11	--*-0*	HL=HL+DE
ADD HL, HL	1	29	11	--*-0*	HL=HL+HL
ADD HL, SP	1	39	11	--*-0*	HL=HL+SP
ADD IX, BC	2	DD 09	15	--*-0*	IX=IX+BC
ADD IX, DE	2	DD 19	15	--*-0*	IX=IX+DE
ADD IX, IX	2	DD 29	15	--*-0*	IX=IX+IX
ADD IX, SP	2	DD 39	15	--*-0*	IX=IX+SP
ADD IY, BC	2	FD 09	15	--*-0*	IY=IY+BC
ADD IY, DE	2	FD 19	15	--*-0*	IY=IY+DE
ADD IY, IY	2	FD 29	15	--*-0*	IY=IY+IY
ADD IY, SP	2	FD 39	15	--*-0*	IY=IY+SP
AND (HL)	1	A6	7	***P00	A=A&[HL]
AND (IX+n)	3	DD A6 XX	19	***P00	A=A&[IX+n]
AND (IY+n)	3	FD A6 XX	19	***P00	A=A&[IY+n]
AND r	1	A0+rb	4	***P00	A=A&r
AND N	2	E6 XX	7	***P00	A=A&N
BIT b, (HL)	2	CB 46+8*b	12	**1*0-	[HL]&{2^b}
BIT b, (IX+n)	4	DD CB XX 46+8*b	20	**1*0-	[IX+n]&{2^b}
BIT b, (IY+n)	4	FD CB XX 46+8*b	20	**1*0-	[IY+n]&{2^b}
BIT b, r	2	CB 40+8*b+rb	8	**1*0-	r&{2^b}
CALL C, NN	3	DC XX XX	17/10	-----	If CY then [SP-=2]=PC, PC=NN
CALL M, NN	3	FC XX XX	17/10	-----	If S then [SP-=2]=PC, PC=NN
CALL NC, NN	3	D4 XX XX	17/10	-----	If !CY then [SP-=2]=PC, PC=NN
CALL NN	3	CD XX XX	17	-----	SP-=2, [SP+1, SP]=PC, PC=NN
CALL NZ, NN	3	C4 XX XX	17/10	-----	If !Z then [SP-=2]=PC, PC=NN
CALL P, NN	3	F4 XX XX	17/10	-----	If !S then [SP-=2]=PC, PC=NN
CALL PE, NN	3	EC XX XX	17/10	-----	If !P then [SP-=2]=PC, PC=NN
CALL PO, NN	3	E4 XX XX	17/10	-----	If P then [SP-=2]=PC, PC=NN
CALL Z, NN	3	CC XX XX	17/10	-----	If Z then [SP-=2]=PC, PC=NN
CCF	1	3F	4	--*-00	CY=~CY
CP (HL)	1	BE	7	***V1*	A-[HL]
CP (IX+n)	3	DD BE XX	19	***V1*	A-[IX+n]
CP (IY+n)	3	FD BE XX	19	***V1*	A-[IY+n]

CP r	1	B8+rb	4	***V1*	A=r
CP N	2	FE XX	7	***V1*	A=N
CPD	2	ED A9	16	****1-	A-[HL], HL=HL-1, BC=BC-1
CPDR	2	ED B9	21/16	****1-	CPD until A=[HL] or BC=0
CPI	2	ED A1	16	****1-	A-[HL], HL=HL+1, BC=BC-1
CPI R	2	ED B1	21/16	****1-	CPI until A=[HL] or BC=0
CPL	1	2F	4	--1-1-	A=~A
DAA	1	27	4	***P-*	A=adjust result to BCD-format
DEC (HL)	1	35	11	***V1-	[HL]=[HL]-1
DEC (IX+n)	3	DD 35 XX	23	***V1-	[IX+n]=[IX+n]-1
DEC (IY+n)	3	FD 35 XX	23	***V1-	[IY+n]=[IY+n]-1
DEC A	1	3D	4	***V1-	A=A-1
DEC B	1	05	4	***V1-	B=B-1
DEC BC	1	0B	6	-----	BC=BC-1
DEC C	1	0D	4	***V1-	C=C-1
DEC D	1	15	4	***V1-	D=D-1
DEC DE	1	1B	6	-----	DE=DE-1
DEC E	1	1D	4	***V1-	E=E-1
DEC H	1	25	4	***V1-	H=H-1
DEC HL	1	2B	6	-----	HL=HL-1
DEC IX	2	DD 2B	10	-----	IX=IX-1
DEC IY	2	FD 2B	10	-----	IY=IY-1
DEC L	2	2D	4	***V1-	L=L-1
DEC SP	1	3B	6	-----	SP=SP-1
DI	1	F3	4	-----	disable interrupts
DJNZ n	1	10	13/8	-----	B=B-1, if B != 0 then PC+=n
EI	1	FB	4	-----	enable interrupts
EX (SP), HL	1	E3	19	-----	[SP]<->HL
EX (SP), IX	2	DD E3	23	-----	[SP]<->IX
EX (SP), IY	2	FD E3	23	-----	[SP]<->IY
EX AF, AF'	1	08	4	*****	AF<->AF'
EX DE, HL	1	EB	4	-----	DE<->HL
EXX	1	D9	4	-----	BC<->BC', DE<->DE', HL<->HL'
HALT	1	76	4	-----	repeat NOP until interrupt
IM 0	2	ED 46	8	-----	set interrupt 0
IM 1	2	ED 56	8	-----	set interrupt 1
IM 2	2	ED 5E	8	-----	set interrupt 2
IN A, (C)	2	ED 78	12	***P0-	A=[C]
IN A, (N)	2	DB XX	11	-----	A=[N]
IN B, (C)	2	ED 40	12	***P0-	B=[C]
IN C, (C)	2	ED 48	12	***P0-	C=[C]
IN D, (C)	2	ED 50	12	***P0-	D=[C]
IN E, (C)	2	ED 58	12	***P0-	E=[C]
IN H, (C)	2	ED 60	12	***P0-	H=[C]
IN L, (C)	2	ED 68	12	***P0-	L=[C]
INC (HL)	1	34	11	***V0-	[HL]=[HL]+1
INC (IX+n)	3	DD 34 XX	23	***V0-	[IX+n]=[IX+n]+1
INC (IY+n)	3	FD 34 XX	23	***V0-	[IY+n]=[IY+n]+1
INC A	1	3C	4	***V0-	A=A+1
INC B	1	04	4	***V0-	B=B+1
INC BC	1	03	6	-----	BC=BC+1
INC C	1	0C	4	***V0-	C=C+1

INC D	1	14	4	***V0-	D=D+1
INC DE	1	13	6	-----	DE=DE+1
INC E	1	1C	4	***V0-	E=E+1
INC H	1	24	4	***V0-	H=H+1
INC HL	1	23	6	-----	HL=HL+1
INC IX	2	DD 23	10	-----	IX=IX+1
INC IY	2	FD 23	10	-----	IY=IY+1
INC L	1	2C	4	***V0-	L=L+1
INC SP	1	33	6	-----	SP=SP+1
IND	2	ED AA	16	***?1-	[HL]=[C], HL=HL-1, B=B-1
INDR	2	ED BA	21/16	01*?1-	IND until B=0
INI	2	ED A2	16	***?1-	[HL]=[C], HL=HL+1, B=B-1
INIR	2	ED B2	21/16	01*?1-	INI until B=0
JP NN	3	C3 XX XX	10	-----	PC=NN
JP (HL)	1	E9	4	-----	PC=HL
JP (IX)	2	DD E9	8	-----	PC=IX
JP (IY)	2	FD E9	8	-----	PC=IY
JP C, NN	3	DA XX XX	10/10	-----	If CY then PC=NN
JP M, NN	3	FA XX XX	10/10	-----	If S then PC=NN
JP NC, NN	3	D2 XX XX	10/10	-----	If !CY then PC=NN
JP NZ, NN	3	C2 XX XX	10/10	-----	If !Z then PC=NN
JP P, NN	3	F2 XX XX	10/10	-----	If !S then PC=NN
JP PE, NN	3	EA XX XX	10/10	-----	If !P then PC=NN
JP PO, NN	3	E2 XX XX	10/10	-----	If P then PC=NN
JP Z, NN	3	CA XX XX	10/10	-----	If Z then PC=NN
JR n	2	18 XX	12	-----	PC=PC+n
JR C, n	2	38 XX	12/7	-----	If CY then PC=PC+n
JR NC, n	2	30 XX	12/7	-----	If !CY then PC=PC+n
JR NZ, n	2	20 XX	12/7	-----	If !Z then PC=PC+n
JR Z, n	2	28 XX	12/7	-----	If Z then PC=PC+n
LD (BC), A	1	02	7	-----	[BC]=A
LD (DE), A	1	12	7	-----	[DE]=A
LD (HL), r	1	70+rb	7	-----	[HL]=r
LD (HL), N	2	36 XX	10	-----	[HL]=N
LD (IX+n), r	3	DD 70+rb XX	19	-----	[IX+n]=r
LD (IX+n), N	4	DD 36 XX XX	19	-----	[IX+n]=N
LD (IY+n), r	3	FD 70+rb XX	19	-----	[IY+n]=r
LD (IY+n), N	4	FD 36 XX XX	19	-----	[IY+n]=N
LD (NN), A	3	32 XX XX	13	-----	[NN]=A
LD (NN), BC	4	ED 43 XX XX	20	-----	[NN]=C, (NN+1)=B
LD (NN), DE	4	ED 53 XX XX	20	-----	[NN]=E, (NN+1)=D
LD (NN), HL	3	22 XX XX	16	-----	[NN]=L, (NN+1)=H
LD (NN), IX	4	DD 22 XX XX	20	-----	[NN, NN+1]=IX
LD (NN), IY	4	FD 22 XX XX	20	-----	[NN, NN+1]=IY
LD (NN), SP	4	ED 73 XX XX	20	-----	[NN, NN+1]=SP
LD A, (BC)	1	0A	7	-----	A=[BC]
LD A, (DE)	1	1A	7	-----	A=[DE]
LD A, (HL)	1	7E	7	-----	A=[HL]
LD A, (IX+n)	3	DD 7E XX	19	-----	A=[IX+n]
LD A, (IY+n)	3	FD 7E XX	19	-----	A=[IY+n]
LD A, (NN)	3	3A XX XX	13	-----	A=[NN]
LD A, r	1	78+rb	4	-----	A=r

LD A, I	2	ED 57	9	**0*0-	A=I
LD A, N	2	3E XX	7	-----	A=N
LD A, R	2	ED 5F	9	**0*0-	A=R
LD B, (HL)	1	46	7	-----	B=[HL]
LD B, (IX+n)	3	DD 46 XX	19	-----	B=[IX+n]
LD B, (IY+n)	3	FD 46 XX	19	-----	B=[IY+n]
LD B, r	1	40+rb	4	-----	B=r
LD B, N	2	06 XX	7	-----	B=N
LD BC, (NN)	4	ED 4B XX XX	20	-----	C=[NN], B=[NN+1]
LD BC, NN	3	01 XX XX	10	-----	BC=NN
LD C, (HL)	1	4E	7	-----	C=[HL]
LD C, (IX+n)	3	DD 4E XX	19	-----	C=[IX+n]
LD C, (IY+n)	3	FD 4E XX	19	-----	C=[IY+n]
LD C, r	1	48+rb	4	-----	C=r
LD C, N	2	0E XX	7	-----	C=N
LD D, (HL)	1	56	7	-----	D=[HL]
LD D, (IX+n)	3	DD 56 XX	19	-----	D=[IX+n]
LD D, (IY+n)	3	FD 56 XX	19	-----	D=[IY+n]
LD D, r	1	50+rb	4	-----	D=r
LD D, N	2	16 XX	7	-----	D=N
LD DE, (NN)	4	ED 5B XX XX	20	-----	E=[NN], D=[NN+1]
LD DE, NN	3	11 XX XX	10	-----	DE=NN
LD E, (HL)	1	5E	7	-----	E=[HL]
LD E, (IX+n)	3	DD 5E XX	19	-----	E=[IX+n]
LD E, (IY+n)	3	FD 5E XX	19	-----	E=[IY+n]
LD E, r	1	58+rb	4	-----	E=r
LD E, N	2	1E XX	7	-----	E=N
LD H, (HL)	1	66	7	-----	H=[HL]
LD H, (IX+n)	3	DD 66 XX	19	-----	H=[IX+n]
LD H, (IY+n)	3	FD 66 XX	19	-----	H=[IY+n]
LD H, r	1	60+rb	4	-----	H=r
LD H, N	2	26 XX	7	-----	H=N
LD HL, (NN)	3	2A XX XX	16	-----	L=[NN], H=[NN+1]
LD HL, (NN)	4	ED 6B XX XX	20	-----	L=[NN], H=[NN+1]
LD HL, NN	3	21 XX XX	10	-----	HL=NN
LD I, A	2	ED 47	9	-----	I=A
LD IX, (NN)	4	DD 2A XX XX	20	-----	IX=[NN, NN+1]
LD IX, NN	4	DD 21 XX XX	14	-----	IX=NN
LD IY, (NN)	4	FD 2A XX XX	20	-----	IY=[NN, NN+1]
LD IY, NN	4	FD 21 XX XX	14	-----	IY=NN
LD L, (HL)	1	6E	7	-----	L=[HL]
LD L, (IX+n)	3	DD 6E XX	19	-----	L=[IX+n]
LD L, (IY+n)	3	FD 6E XX	19	-----	L=[IY+n]
LD L, r	1	68+rb	4	-----	L=r
LD L, N	2	2E XX	7	-----	L=N
LD R, A	2	ED 4F	9	-----	R=A
LD SP, (NN)	4	ED 7B XX XX	20	-----	SP=[NN, NN+1]
LD SP, HL	1	F9	6	-----	SP=HL
LD SP, IX	2	DD F9	10	-----	SP=IX
LD SP, IY	2	FD F9	10	-----	SP=IY
LD SP, NN	3	31 XX XX	10	-----	SP=NN
LDD	2	ED A8	16	--0*0-	[DE]=[HL], HL--=1, DE--=1, BC--=1

LDDR	2	ED B8	21/16	--000-	LDD until BC=0
LDI	2	ED A0	16	--0*0-	[DE]=[HL], HL+=1, DE+=1, BC=-1
LDIR	2	ED B0	21/16	--000-	LDI until BC=0
NEG	2	ED 44	8	***V1*	A=-A
NOP	1	00	4	-----	
OR (HL)	1	B6	7	***P00	A=Av[HL]
OR (IX+n)	3	DD B6 XX	19	***P00	A=Av[IX+n]
OR (IY+n)	3	FD B6 XX	19	***P00	A=Av[IY+n]
OR r	1	B0+rb	4	***P00	A=Avr
OR N	2	F6 XX	7	***P00	A=AvN
OTDR	2	ED BB	21/16	01*?1-	OUTD until B=0
OTIR	2	ED B3	21/16	01*?1-	OUTI until B=0
OUT (C), A	2	ED 79	12	-----	[C]=A
OUT (C), B	2	ED 41	12	-----	[C]=B
OUT (C), C	2	ED 49	12	-----	[C]=C
OUT (C), D	2	ED 51	12	-----	[C]=D
OUT (C), E	2	ED 59	12	-----	[C]=E
OUT (C), H	2	ED 61	12	-----	[C]=H
OUT (C), L	2	ED 69	12	-----	[C]=L
OUT (N), A	2	D3 XX	11	-----	[N]=A
OUTD	2	ED AB	16	***?1-	[C]=[HL], HL=HL-1, B=B-1
OUTI	2	ED A3	16	***?1-	[C]=[HL], HL=HL+1, B=B-1
POP AF	1	F1	10	*****	F=[SP], SP+, A=[SP], SP+
POP BC	1	C1	10	-----	C=[SP], SP+, B=[SP], SP+
POP DE	1	D1	10	-----	E=[SP], SP+, D=[SP], SP+
POP HL	1	E1	10	-----	L=[SP], SP+, H=[SP], SP+
POP IX	2	DD E1	14	-----	IX=[SP, SP+1], SP+, SP+
POP IY	2	FD E1	14	-----	IY=[SP, SP+1], SP+, SP+
PUSH AF	1	F5	11	-----	-SP, [SP]=A, -SP, [SP]=F
PUSH BC	1	C5	11	-----	-SP, [SP]=B, -SP, [SP]=C
PUSH DE	1	D5	11	-----	-SP, [SP]=D, -SP, [SP]=E
PUSH HL	1	E5	11	-----	-SP, [SP]=H, -SP, [SP]=L
PUSH IX	2	DD E5	15	-----	-SP, -SP, [SP, SP+1]=IX
PUSH IY	2	FD E5	15	-----	-SP, -SP, [SP, SP+1]=IY
RES b, (HL)	2	CB 86+8*b	15	-----	[HL]=[HL]&{-2^b}
RES b, (IX+n)	4	DD CB XX 86+8*b	23	-----	[IX+n]=[IX+n]&{-2^b}
RES b, (IY+n)	4	FD CB XX 86+8*b	23	-----	[IY+n]=[IY+n]&{-2^b}
RES b, r	2	CB 80+8*b+rb	8	-----	r=r&{-2^b}
RET	1	C9	10	-----	PC=[SP, SP+1], SP+, SP+
RET C	1	D8	11/5	-----	If CY then PC=[SP, SP+1], SP+=2
RET M	1	F8	11/5	-----	If S then PC=[SP, SP+1], SP+=2
RET NC	1	D0	11/5	-----	If !CY then PC=[SP, SP+1], SP+=2
RET NZ	1	C0	11/5	-----	If !Z then PC=[SP, SP+1], SP+=2
RET P	1	F0	11/5	-----	If !S then PC=[SP, SP+1], SP+=2
RET PE	1	E8	11/5	-----	If !P then PC=[SP, SP+1], SP+=2
RET PO	1	E0	11/5	-----	If P then PC=[SP, SP+1], SP+=2
RET Z	1	C8	11/5	-----	If Z then PC=[SP, SP+1], SP+=2
RETI	2	ED 4D	14	-----	PC=[SP, SP+1], SP+, SP+
RETN	2	ED 45	14	-----	PC=[SP, SP+1], SP+, SP+
RL (HL)	2	CB 16	15	**0P0*	[HL]={CY, [HL]}<<CY
RL (IX+n)	4	DD CB XX 16	23	**0P0*	[IX+n]={CY, [IX+n]}<<CY
RL (IY+n)	4	FD CB XX 16	23	**0P0*	[IY+n]={CY, [IY+n]}<<CY

RL r	2	CB 10+rb	8	**OP0*	$r = \{CY, r\} \ll CY$
RLA	1	17	4	--0-0*	$A = \{CY, A\} \ll CY$
RLC (HL)	2	CB 06	15	**OP0*	$[HL] = \{[HL]\} \ll$
RLC (IX+n)	4	DD CB XX 06	23	**OP0*	$[IX+n] = \{[IX+n]\} \ll$
RLC (IY+n)	4	FD CB XX 06	23	**OP0*	$[IY+n] = \{[IY+n]\} \ll$
RLC r	2	CB 00+rb	8	**OP0*	$r = \{r\} \ll$
RLCA	1	07	4	--0-0*	$A = \{A\} \ll$
RLD	2	ED 6F	18	**OP0-	$\{A, [HL]\} = \{A, [HL]\} \ll -4$
RR (HL)	2	CB 1E	15	**OP0*	$[HL] = CY \gg \{CY, [HL]\}$
RR (IX+n)	4	DD CB XX 1E	23	**OP0*	$[IX+n] = CY \gg \{CY, [IX+n]\}$
RR (IY+n)	4	FD CB XX 1E	23	**OP0*	$[IY+n] = CY \gg \{CY, [IY+n]\}$
RR r	2	CB 18+rb	8	**OP0*	$r = CY \gg \{CY, r\}$
RRA	1	1F	4	--0-0*	$A = CY \gg \{CY, A\}$
RRC (HL)	2	CB 0E	15	**OP0*	$[HL] = \gg \{[HL]\}$
RRC (IX+n)	4	DD CB XX 0E	23	**OP0*	$[IX+n] = \gg \{[IX+n]\}$
RRC (IY+n)	4	FD CB XX 0E	23	**OP0*	$[IY+n] = \gg \{[IY+n]\}$
RRC r	2	CB 08+rb	8	**OP0*	$r = \gg \{r\}$
RRCA	1	0F	4	--0-0*	$A = \gg \{A\}$
RRD	2	ED 67	18	**OP0-	$\{A, [HL]\} = 4 - \gg \{A, [HL]\}$
RST 0	1	C7	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=00
RST 8H	1	CF	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=08
RST 10H	1	D7	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=10
RST 18H	1	DF	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=18
RST 20H	1	E7	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=20
RST 28H	1	EF	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=28
RST 30H	1	F7	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=30
RST 38H	1	FF	11	-----	-SP, -SP, [SP+1, SP]=PC, PC=38
SBC (HL)	1	9E	7	***V1*	$A = A - [HL] - CY$
SBC A, (IX+n)	3	DD 9E XX	19	***V1*	$A = A - [IX+n] - CY$
SBC A, (IY+n)	3	FD 9E XX	19	***V1*	$A = A - [IY+n] - CY$
SBC A, N	2	DE XX	7	***V1*	$A = A - r - CY$
SBC r	1	98+rb	4	***V1*	$A = A - N - CY$
SBC HL, BC	2	ED 42	15	***V1*	$HL = HL - BC - CY$
SBC HL, DE	2	ED 52	15	***V1*	$HL = HL - DE - CY$
SBC HL, HL	2	ED 62	15	***V1*	$HL = HL - HL - CY$
SBC HL, SP	2	ED 72	15	***V1*	$HL = HL - SP - CY$
SCF	1	37	4	--0-01	CY=1
SET b, (HL)	2	CB C6+8*b	15	-----	$[HL] = [HL] \vee \{2^b\}$
SET b, (IX+n)	4	DD CB XX C6+8*b	23	-----	$[IX+n] = [IX+n] \vee \{2^b\}$
SET b, (IY+n)	4	FD CB XX C6+8*b	23	-----	$[IY+n] = [IY+n] \vee \{2^b\}$
SET b, r	2	CB C0+8*b+rb	8	-----	$r = r \vee \{2^b\}$
SLA (HL)	2	CB 26	15	**OP0*	$[HL] = [HL] * 2$
SLA (IX+n)	4	DD CB XX 26	23	**OP0*	$[IX+n] = [IX+n] * 2$
SLA (IY+n)	4	FD CB XX 26	23	**OP0*	$[IY+n] = [IY+n] * 2$
SLA r	2	CB 20+rb	8	**OP0*	$r = r * 2$
SLL (HL)	2	CB 36	15	**OP0*	$[HL] = [HL] * 2 + 1$
SLL (IX+n)	4	DD CB XX 36	23	**OP0*	$[IX+n] = [IX+n] * 2 + 1$
SLL (IY+n)	4	FD CB XX 36	23	**OP0*	$[IY+n] = [IY+n] * 2 + 1$
SLL r	2	CB 30+rb	8	**OP0*	$r = r * 2 + 1$
SRA (HL)	2	CB 2E	15	**OP0*	$[HL] = (\text{signed}) [HL] / 2$
SRA (IX+n)	4	DD CB XX 2E	23	**OP0*	$[IX+n] = (\text{signed}) [IX+n] / 2$
SRA (IY+n)	4	FD CB XX 2E	23	**OP0*	$[IY+n] = (\text{signed}) [IY+n] / 2$

SRA r	2	CB 28+rb	8	**0P0*	$r = (\text{signed}) r / 2$
SRL (HL)	2	CB 3E	15	**0P0*	$[HL] = (\text{unsigned}) [HL] / 2$
SRL (IX+n)	4	DD CB XX 3E	23	**0P0*	$[IX+n] = (\text{unsigned}) [IX+n] / 2$
SRL (IY+n)	4	FD CB XX 3E	23	**0P0*	$[IY+n] = (\text{unsigned}) [IY+n] / 2$
SRL r	2	CB 38+rb	8	**0P0*	$r = (\text{unsigned}) r / 2$
SUB (HL)	1	96	7	***V1*	$A = A - [HL]$
SUB (IX+n)	3	DD 96 XX	19	***V1*	$A = A - [IX+n]$
SUB (IY+n)	3	FD 96 XX	19	***V1*	$A = A - [IY+n]$
SUB r	1	90+rb	4	***V1*	$A = A - r$
SUB N	2	D6 XX	7	***V1*	$A = A - N$
XOR (HL)	1	AE	7	***P00	$A = Ax[HL]$
XOR (IX+n)	3	DD AE XX	19	***P00	$A = Ax[IX+n]$
XOR (IY+n)	3	FD AE XX	19	***P00	$A = Ax[IY+n]$
XOR r	1	A8+rb	4	***P00	$A = Axr$
XOR N	2	EE XX	7	***P00	$A = AxN$

The flag field contains one of the following:

- Flag unaffected
- * Flag affected
- 0 Flag reset
- 1 Flag set
- ? Unknown
- P Parity-Flag used as Parity
- V Parity-Flag used as Overflow-flag

r means register. Can be B, C, D, E, H, L or A.

Add this to last byte of OP-code:

Reg	regbits
B	0
C	1
D	2
E	3
H	4
L	5
A	7

On >LD (IX+n), r< and >LD (IY+n), r< you add it to the byte before the last.

b means bit. Can be 0-7. Increase the last byte of OP-code with $8 * b$.
Used in SET, BIT and RES.

If there is two numbers given at Clock, then the highest is when the jump is taken.