

National Stock Exchange of India Limited

Circular

Department: FUTURES & OPTIONS	
Download Ref No: NSE/ FAOP/ 65665	Date: December 18, 2024
Circular Ref. No: 162/ 2024	

All Members,

Revision in Scheme of Strikes in Stock Options

This is in reference to chapter 1.10 of strike scheme of stock options provided in circular [NSE/FAOP/61814](#) dated April 29, 2024, regarding F&O Consolidated Circular for trading.

Members are requested to note that the list of stocks with the revised applicable step values and number of strikes as per the aforesaid circular which shall be available for trading w.e.f December 27, 2024 is provided in Annexure 1.

Members are advised to load the updated contract.gz file in the trading application before trading on December 27, 2024. The file can be obtained from the directory /faoftp/faocommon on the extranet server.

For and on behalf of
National Stock Exchange of India Limited

Khushal Shah
Associate Vice President

Toll Free No	Email id
1800-266-0050 (Option 1)	msm@nse.co.in

	Narrow Range			Wide Range			Narrow Range			Wide Range			Narrow			Wide		
Symbol	Near	Mid	Far	Near	Mid	Far	Near	Mid	Far	Near	Mid	Far	Near	Mid	Far	Near	Mid	Far
	Step Value	Step Value	Step Value	Step Value	Step Value	Step Value	Strike Scheme	Strike Scheme	Strike Scheme	Strike Scheme	Strike Scheme	Strike Scheme	Reserve strike	Reserve strike	Reserve strike	Reserve strike	Reserve strike	Reserve strike
AARTIIND	5	5	10	10	10	20	9	9	4	7	7	3	18	18	8	14	14	6
ABB	100	100	200	200	200	400	8	8	4	6	6	3	16	16	8	12	12	6
ABBOTINDIA	250	250	500	500	500	1000	12	12	6	9	9	4	24	24	12	18	18	8
ABCAPITAL	2.5	2.5	5	5	5	10	8	8	4	6	6	3	16	16	8	12	12	6
ABFRL	5	5	10	10	10	20	6	6	3	5	5	2	12	12	6	10	10	4
ACC	20	20	40	40	40	80	11	11	6	8	8	4	22	22	12	16	16	8
ADANIENSOL	20	20	40	40	40	80	4	4	3	3	3	2	8	8	6	6	6	4
ADANIENT	20	20	40	40	40	80	12	12	6	9	9	5	24	24	12	18	18	10
ADANIGREEN	20	20	40	40	40	80	6	6	3	5	5	2	12	12	6	10	10	4
ADANIPORTS	20	20	40	40	40	80	6	6	3	5	5	2	12	12	6	10	10	4
ALKEM	50	50	100	100	100	200	11	11	5	8	8	4	22	22	10	16	16	8
AMBUJACEM	5	5	10	10	10	20	12	12	6	9	9	4	24	24	12	18	18	8
ANGELONE	100	100	200	200	200	400	3	3	3	3	3	1	6	6	6	6	6	2
APLAPOLLO	20	20	40	40	40	80	8	8	4	6	6	3	16	16	8	12	12	6
APOLLOHOSP	50	50	100	100	100	200	12	12	6	11	11	5	24	24	12	22	22	10
APOLLOTYRE	10	10	20	20	20	40	6	6	3	4	4	2	12	12	6	8	8	4
ASHOKLEY	2.5	2.5	5	5	5	10	9	9	5	7	7	3	18	18	10	14	14	6
ASIANPAINT	20	20	40	40	40	80	12	12	6	9	9	5	24	24	12	18	18	10
ASTRAL	20	20	40	40	40	80	9	9	5	7	7	3	18	18	10	14	14	6
ATGL	10	10	20	20	20	40	7	7	4	5	5	3	14	14	8	10	10	6
ATUL	100	100	200	200	200	400	7	7	4	5	5	3	14	14	8	10	10	6
AUBANK	5	5	10	10	10	20	12	12	6	9	9	4	24	24	12	18	18	8
AUROPHARMA	20	20	40	40	40	80	6	6	3	5	5	2	12	12	6	10	10	4
AXISBANK	10	10	20	20	20	40	12	12	6	9	9	4	24	24	12	18	18	8
BAJAJ-AUTO	100	100	200	200	200	400	9	9	5	7	7	3	18	18	10	14	14	6
BAJAJFINSV	20	20	40	40	40	80	8	8	4	6	6	3	16	16	8	12	12	6
BAJFINANCE	100	100	200	200	200	400	7	7	4	5	5	3	14	14	8	10	10	6
BALKRISIND	20	20	40	40	40	80	12	12	6	11	11	5	24	24	12	22	22	10
BANDHANBNK	2.5	2.5	5	5	5	10	7	7	3	5	5	3	14	14	6	10	10	6
BANKBARODA	2.5	2.5	5	5	5	10	10	10	5	8	8	4	20	20	10	16	16	8
BANKINDIA	1	1	2	2	2	4	11	11	6	8	8	4	22	22	12	16	16	8
BATAINDIA	10	10	20	20	20	40	12	12	6	11	11	5	24	24	12	22	22	10
BEL	5	5	10	10	10	20	6	6	3	5	5	2	12	12	6	10	10	4
BERGEPAINT	5	5	10	10	10	20	10	10	5	7	7	4	20	20	10	14	14	8
BHARATFORG	20	20	40	40	40	80	7	7	3	5	5	3	14	14	6	10	10	6
BHARTIARTL	20	20	40	40	40	80	8	8	4	6	6	3	16	16	8	12	12	6
BHEL	5	5	10	10	10	20	5	5	3	4	4	2	10	10	6	8	8	4
BIOCON	5	5	10	10	10	20	7	7	4	5	5	3	14	14	8	10	10	6
BOSCHLTD	500	500	1000	1000	1000	2000	7	7	4	5	5	3	14	14	8	10	10	6
BPCL	5	5	10	10	10	20	6	6	3	5	5	2	12	12	6	10	10	4
BRITANNIA	50	50	100	100	100	200	10	10	5	7	7	4	20	20	10	14	14	8
BSE	100	100	200	200	200	400	6	6	3	4	4	2	12	12	6	8	8	4
BSOFT	10	10	20	20	20	40	6	6	3	5	5	2	12	12	6	10	10	4
CAMS	100	100	200	200	200	400	5	5	3	4	4	2	10	10	6	8	8	4
CANBK	1	1	2	2	2	4	11	11	5	8	8	4	22	22	10	16	16	8
CANFINHOME	10	10	20	20	20	40	8	8	4	6	6	3	16	16	8	12	12	6
CDSL	20	20	40	40	40	80	10	10	5	7	7	4	20	20	10	14	14	8
CESC	5	5	10	10	10	20	4	4	3	3	3	1	8	8	6	6	6	2
CGPOWER	10	10	20	20	20	40	8	8	4	6	6	3	16	16	8	12	12	6
CHAMBLFERT	10	10	20	20	20	40	5	5	3	4	4	2	10	10	6	8	8	4
CHOLAFIN	20	20	40	40	40	80	7	7	3	5	5	2	14	14	6	10	10	4
CIPLA	20	20	40	40	40	80	7	7	4	5	5	3	14	14	8	10	10	6
COALINDIA	5	5	10	10	10	20	8	8	4	6	6	3	16	16	8	12	12	6

COFORGE	100	100	200	200	200	400	9	9	5	7	7	3	18	18	10	14	14	6
COLPAL	20	20	40	40	40	80	12	12	6	11	11	5	24	24	12	22	22	10
CONCOR	10	10	20	20	20	40	8	8	4	6	6	3	16	16	8	12	12	6
COROMANDEL	20	20	40	40	40	80	9	9	4	7	7	3	18	18	8	14	14	6
CROMPTON	5	5	10	10	10	20	8	8	4	6	6	3	16	16	8	12	12	6
CUB	2.5	2.5	5	5	5	10	7	7	4	5	5	3	14	14	8	10	10	6
CUMMINSIND	50	50	100	100	100	200	7	7	4	5	5	3	14	14	8	10	10	6
CYIENT	20	20	40	40	40	80	10	10	5	8	8	4	20	20	10	16	16	8
DABUR	5	5	10	10	10	20	10	10	5	8	8	4	20	20	10	16	16	8
DALBHARAT	20	20	40	40	40	80	10	10	5	7	7	4	20	20	10	14	14	8
DEEPAKNTR	50	50	100	100	100	200	5	5	3	4	4	2	10	10	6	8	8	4
DELHIVERY	5	5	10	10	10	20	8	8	4	6	6	3	16	16	8	12	12	6
DIVISLAB	50	50	100	100	100	200	12	12	6	9	9	4	24	24	12	18	18	8
DIXON	250	250	500	500	500	1000	7	7	4	5	5	3	14	14	8	10	10	6
DLF	10	10	20	20	20	40	9	9	4	7	7	3	18	18	8	14	14	6
DMART	50	50	100	100	100	200	7	7	4	5	5	3	14	14	8	10	10	6
DRREDDY	10	10	20	20	20	40	12	12	6	9	9	5	24	24	12	18	18	10
EICHERMOT	50	50	100	100	100	200	10	10	5	7	7	4	20	20	10	14	14	8
ESCORTS	50	50	100	100	100	200	7	7	3	5	5	3	14	14	6	10	10	6
EXIDEIND	5	5	10	10	10	20	9	9	5	7	7	3	18	18	10	14	14	6
FEDERALBNK	2.5	2.5	5	5	5	10	9	9	4	6	6	3	18	18	8	12	12	6
GAIL	2.5	2.5	5	5	5	10	8	8	4	6	6	3	16	16	8	12	12	6
GLENMARK	20	20	40	40	40	80	8	8	4	6	6	3	16	16	8	12	12	6
GMRAIRPORT	1	1	2	2	2	4	8	8	4	6	6	3	16	16	8	12	12	6
GNFC	10	10	20	20	20	40	6	6	3	5	5	2	12	12	6	10	10	4
GODREJCP	10	10	20	20	20	40	11	11	6	8	8	4	22	22	12	16	16	8
GODREJPROP	50	50	100	100	100	200	6	6	3	4	4	2	12	12	6	8	8	4
GRANULES	10	10	20	20	20	40	6	6	3	4	4	2	12	12	6	8	8	4
GRASIM	20	20	40	40	40	80	12	12	6	10	10	5	24	24	12	20	20	10
GUJGASLTD	5	5	10	10	10	20	10	10	5	8	8	4	20	20	10	16	16	8
HAL	50	50	100	100	100	200	9	9	5	7	7	3	18	18	10	14	14	6
HAVELLS	20	20	40	40	40	80	9	9	4	7	7	3	18	18	8	14	14	6
HCLTECH	20	20	40	40	40	80	10	10	5	7	7	4	20	20	10	14	14	8
HDFCAMC	50	50	100	100	100	200	9	9	5	7	7	3	18	18	10	14	14	6
HDFCBANK	20	20	40	40	40	80	9	9	5	7	7	4	18	18	10	14	14	8
HDFCLIFE	10	10	20	20	20	40	6	6	3	5	5	2	12	12	6	10	10	4
HEROMOTOCO	50	50	100	100	100	200	9	9	5	7	7	3	18	18	10	14	14	6
HFCL	2.5	2.5	5	5	5	10	5	5	3	4	4	2	10	10	6	8	8	4
HINDALCO	10	10	20	20	20	40	7	7	3	5	5	2	14	14	6	10	10	4
HINDCOPPER	5	5	10	10	10	20	6	6	3	4	4	2	12	12	6	8	8	4
HINDPETRO	5	5	10	10	10	20	8	8	4	6	6	3	16	16	8	12	12	6
HINDUNILVR	20	20	40	40	40	80	12	12	6	9	9	5	24	24	12	18	18	10
HUDCO	5	5	10	10	10	20	5	5	3	4	4	2	10	10	6	8	8	4
ICICIBANK	10	10	20	20	20	40	12	12	6	10	10	5	24	24	12	20	20	10
ICICIGI	20	20	40	40	40	80	10	10	5	7	7	4	20	20	10	14	14	8
ICICIPRULI	10	10	20	20	20	40	7	7	3	5	5	3	14	14	6	10	10	6
IDEA	1	1	2	2	2	4	3	3	3	1	1	1	6	6	6	2	2	2
IDFCFIRSTB	1	1	2	2	2	4	6	6	3	5	5	2	12	12	6	10	10	4
IEX	2.5	2.5	5	5	5	10	8	8	4	6	6	3	16	16	8	12	12	6
IGL	5	5	10	10	10	20	8	8	4	6	6	3	16	16	8	12	12	6
INDHOTEL	10	10	20	20	20	40	9	9	4	6	6	3	18	18	8	12	12	6
INDIAMART	20	20	40	40	40	80	12	12	6	9	9	4	24	24	12	18	18	8
INDIANB	10	10	20	20	20	40	6	6	3	4	4	2	12	12	6	8	8	4
INDIGO	50	50	100	100	100	200	9	9	4	7	7	3	18	18	8	14	14	6
INDUSINDBK	10	10	20	20	20	40	10	10	5	7	7	4	20	20	10	14	14	8
INDUSTOWER	5	5	10	10	10	20	7	7	4	5	5	3	14	14	8	10	10	6
INFY	20	20	40	40	40	80	10	10	5	8	8	4	20	20	10	16	16	8

IOC	2.5	2.5	5	5	5	10	6	6	3	4	4	2	12	12	6	8	8	4
IPCALAB	20	20	40	40	40	80	8	8	4	6	6	3	16	16	8	12	12	6
IRB	1	1	2	2	2	4	6	6	3	4	4	2	12	12	6	8	8	4
IRCTC	10	10	20	20	20	40	8	8	4	6	6	3	16	16	8	12	12	6
IRFC	2.5	2.5	5	5	5	10	6	6	3	5	5	2	12	12	6	10	10	4
ITC	5	5	10	10	10	20	9	9	5	7	7	4	18	18	10	14	14	8
JINDALSTEL	20	20	40	40	40	80	5	5	3	4	4	2	10	10	6	8	8	4
JIOFIN	5	5	10	10	10	20	7	7	3	5	5	3	14	14	6	10	10	6
JKCEMENT	50	50	100	100	100	200	10	10	5	7	7	4	20	20	10	14	14	8
JSL	10	10	20	20	20	40	8	8	4	6	6	3	16	16	8	12	12	6
JSWENERGY	10	10	20	20	20	40	7	7	3	5	5	3	14	14	6	10	10	6
JSWSTEEL	10	10	20	20	20	40	10	10	5	8	8	4	20	20	10	16	16	8
JUBLFOOD	10	10	20	20	20	40	7	7	3	5	5	3	14	14	6	10	10	6
KALYANKJIL	20	20	40	40	40	80	4	4	3	3	3	1	8	8	6	6	6	2
KEI	100	100	200	200	200	400	4	4	3	3	3	2	8	8	6	6	6	4
KOTAKBANK	20	20	40	40	40	80	9	9	5	7	7	3	18	18	10	14	14	6
KPITTECH	20	20	40	40	40	80	8	8	4	6	6	3	16	16	8	12	12	6
LALPATHLAB	50	50	100	100	100	200	6	6	3	5	5	2	12	12	6	10	10	4
LAURUSLABS	10	10	20	20	20	40	6	6	3	4	4	2	12	12	6	8	8	4
LICHSGFIN	10	10	20	20	20	40	6	6	3	5	5	2	12	12	6	10	10	4
LICI	10	10	20	20	20	40	9	9	5	7	7	3	18	18	10	14	14	6
LODHA	20	20	40	40	40	80	7	7	4	5	5	3	14	14	8	10	10	6
LT	50	50	100	100	100	200	8	8	4	6	6	3	16	16	8	12	12	6
LTF	2.5	2.5	5	5	5	10	6	6	3	4	4	2	12	12	6	8	8	4
LTIM	100	100	200	200	200	400	7	7	3	5	5	3	14	14	6	10	10	6
LTTS	50	50	100	100	100	200	11	11	5	8	8	4	22	22	10	16	16	8
LUPIN	20	20	40	40	40	80	10	10	5	8	8	4	20	20	10	16	16	8
M&M	50	50	100	100	100	200	6	6	3	5	5	2	12	12	6	10	10	4
M&MFIN	5	5	10	10	10	20	6	6	3	4	4	2	12	12	6	8	8	4
MANAPPURAM	2.5	2.5	5	5	5	10	7	7	4	5	5	3	14	14	8	10	10	6
MARICO	10	10	20	20	20	40	6	6	3	5	5	2	12	12	6	10	10	4
MARUTI	100	100	200	200	200	400	11	11	6	8	8	4	22	22	12	16	16	8
MAXHEALTH	20	20	40	40	40	80	6	6	3	4	4	2	12	12	6	8	8	4
MCX	100	100	200	200	200	400	7	7	3	5	5	2	14	14	6	10	10	4
METROPOLIS	20	20	40	40	40	80	11	11	6	8	8	4	22	22	12	16	16	8
MFSL	20	20	40	40	40	80	6	6	3	4	4	2	12	12	6	8	8	4
MGL	20	20	40	40	40	80	7	7	3	5	5	2	14	14	6	10	10	4
MOTHERSON	2.5	2.5	5	5	5	10	7	7	3	5	5	2	14	14	6	10	10	4
MPHASIS	50	50	100	100	100	200	6	6	3	5	5	2	12	12	6	10	10	4
MRF	500	500	1000	1000	1000	2000	12	12	6	12	12	6	24	24	12	24	24	12
MUTHOOTFIN	20	20	40	40	40	80	11	11	5	8	8	4	22	22	10	16	16	8
NATIONALUM	5	5	10	10	10	20	5	5	3	3	3	2	10	10	6	6	6	4
NAUKRI	100	100	200	200	200	400	9	9	4	7	7	3	18	18	8	14	14	6
NAVINFUOR	50	50	100	100	100	200	7	7	4	5	5	3	14	14	8	10	10	6
NCC	5	5	10	10	10	20	6	6	3	5	5	2	12	12	6	10	10	4
NESTLEIND	20	20	40	40	40	80	11	11	6	8	8	4	22	22	12	16	16	8
NHPC	1	1	2	2	2	4	9	9	4	6	6	3	18	18	8	12	12	6
NMDC	5	5	10	10	10	20	5	5	3	4	4	2	10	10	6	8	8	4
NTPC	5	5	10	10	10	20	7	7	4	5	5	3	14	14	8	10	10	6
NYKAA	2.5	2.5	5	5	5	10	7	7	3	5	5	3	14	14	6	10	10	6
OBEROIRLTY	20	20	40	40	40	80	11	11	5	8	8	4	22	22	10	16	16	8
OFSS	250	250	500	500	500	1000	5	5	3	4	4	2	10	10	6	8	8	4
OIL	10	10	20	20	20	40	5	5	3	3	3	2	10	10	6	6	6	4
ONGC	2.5	2.5	5	5	5	10	10	10	5	8	8	4	20	20	10	16	16	8
PAGEIND	500	500	1000	1000	1000	2000	10	10	5	7	7	4	20	20	10	14	14	8
PAYTM	20	20	40	40	40	80	5	5	3	4	4	2	10	10	6	8	8	4
PEL	20	20	40	40	40	80	6	6	3	5	5	2	12	12	6	10	10	4

PERSISTENT	100	100	200	200	200	400	7	7	3	5	5	2	14	14	6	10	10	4
PETRONET	5	5	10	10	10	20	7	7	3	5	5	3	14	14	6	10	10	6
PFC	10	10	20	20	20	40	5	5	3	4	4	2	10	10	6	8	8	4
PIDILITIND	20	20	40	40	40	80	12	12	6	12	12	6	24	24	12	24	24	12
PIIND	50	50	100	100	100	200	8	8	4	6	6	3	16	16	8	12	12	6
PNB	1	1	2	2	2	4	11	11	5	8	8	4	22	22	10	16	16	8
POLICYBZR	50	50	100	100	100	200	4	4	3	3	3	2	8	8	6	6	6	4
POLYCAB	100	100	200	200	200	400	8	8	4	6	6	3	16	16	8	12	12	6
POONAWALLA	5	5	10	10	10	20	7	7	4	5	5	3	14	14	8	10	10	6
POWERGRID	5	5	10	10	10	20	7	7	3	5	5	3	14	14	6	10	10	6
PRESTIGE	50	50	100	100	100	200	4	4	3	3	3	1	8	8	6	6	6	2
PVRINOX	20	20	40	40	40	80	7	7	4	5	5	3	14	14	8	10	10	6
RAMCOCEM	10	10	20	20	20	40	10	10	5	8	8	4	20	20	10	16	16	8
RBLBANK	2.5	2.5	5	5	5	10	7	7	3	5	5	3	14	14	6	10	10	6
RECLTD	10	10	20	20	20	40	6	6	3	4	4	2	12	12	6	8	8	4
RELIANCE	10	10	20	20	20	40	12	12	6	10	10	5	24	24	12	20	20	10
SAIL	2.5	2.5	5	5	5	10	5	5	3	4	4	2	10	10	6	8	8	4
SBICARD	5	5	10	10	10	20	12	12	6	11	11	5	24	24	12	22	22	10
SBILIFE	20	20	40	40	40	80	7	7	4	5	5	3	14	14	8	10	10	6
SBIN	10	10	20	20	20	40	9	9	4	6	6	3	18	18	8	12	12	6
SHREECEM	250	250	500	500	500	1000	11	11	6	8	8	4	22	22	12	16	16	8
SHRIRAMFIN	50	50	100	100	100	200	6	6	3	5	5	2	12	12	6	10	10	4
SIEMENS	100	100	200	200	200	400	8	8	4	6	6	3	16	16	8	12	12	6
SJVN	2.5	2.5	5	5	5	10	5	5	3	4	4	2	10	10	6	8	8	4
SONACOMS	10	10	20	20	20	40	6	6	3	5	5	2	12	12	6	10	10	4
SRF	20	20	40	40	40	80	12	12	6	9	9	4	24	24	12	18	18	8
SUNPHARMA	20	20	40	40	40	80	9	9	5	7	7	3	18	18	10	14	14	6
SUNTV	10	10	20	20	20	40	7	7	4	5	5	3	14	14	8	10	10	6
SUPREMEIND	100	100	200	200	200	400	5	5	3	4	4	2	10	10	6	8	8	4
SYNGENE	10	10	20	20	20	40	9	9	4	7	7	3	18	18	8	14	14	6
TATACHEM	20	20	40	40	40	80	6	6	3	4	4	2	12	12	6	8	8	4
TATACOMM	20	20	40	40	40	80	9	9	5	7	7	3	18	18	10	14	14	6
TATACONSUM	10	10	20	20	20	40	9	9	5	7	7	3	18	18	10	14	14	6
TATAELXSI	100	100	200	200	200	400	7	7	4	6	6	3	14	14	8	12	12	6
TATAMOTORS	10	10	20	20	20	40	8	8	4	6	6	3	16	16	8	12	12	6
TATAPOWER	5	5	10	10	10	20	9	9	4	6	6	3	18	18	8	12	12	6
TATASTEEL	1	1	2	2	2	4	12	12	6	11	11	6	24	24	12	22	22	12
TCS	50	50	100	100	100	200	9	9	4	7	7	3	18	18	8	14	14	6
TECHM	20	20	40	40	40	80	9	9	5	7	7	3	18	18	10	14	14	6
TIINDIA	50	50	100	100	100	200	7	7	4	5	5	3	14	14	8	10	10	6
TITAN	50	50	100	100	100	200	7	7	4	5	5	3	14	14	8	10	10	6
TORNTPHARM	50	50	100	100	100	200	7	7	3	5	5	3	14	14	6	10	10	6
TRENT	100	100	200	200	200	400	7	7	4	5	5	3	14	14	8	10	10	6
TVSMOTOR	20	20	40	40	40	80	12	12	6	9	9	5	24	24	12	18	18	10
UBL	20	20	40	40	40	80	10	10	5	8	8	4	20	20	10	16	16	8
ULTRACEMCO	100	100	200	200	200	400	12	12	6	9	9	5	24	24	12	18	18	10
UNIONBANK	1	1	2	2	2	4	12	12	6	10	10	5	24	24	12	20	20	10
UNITDSPR	20	20	40	40	40	80	8	8	4	6	6	3	16	16	8	12	12	6
UPL	10	10	20	20	20	40	6	6	3	4	4	2	12	12	6	8	8	4
VBL	10	10	20	20	20	40	7	7	3	5	5	2	14	14	6	10	10	4
VEDL	10	10	20	20	20	40	5	5	3	4	4	2	10	10	6	8	8	4
VOLTAS	20	20	40	40	40	80	9	9	5	7	7	3	18	18	10	14	14	6
WIPRO	2.5	2.5	5	5	5	10	12	12	6	9	9	5	24	24	12	18	18	10
YESBANK	1	1	2	2	2	4	3	3	3	2	2	1	6	6	6	4	4	2
ZOMATO	5	5	10	10	10	20	6	6	3	4	4	2	12	12	6	8	8	4
ZYDUSLIFE	10	10	20	20	20	40	10	10	5	7	7	4	20	20	10	14	14	8