



Turning Point Analytics utilizes a time-tested, real-world strategy that optimizes the client’s entry and exit points and adds alpha. TPA defines each stock as Trend or Range to identify actionable inflection points.

“In the short run, the market is a voting machine, but in the long run, it is a weighing machine.” - Benjamin Graham

S&P 1500+ DAILY SNAPSHOT – COMMENTS & CHARTS Thursday, November 30, 2023

Today’s TPA Trend-Range Report is included below. TPA Trend-Range Strategy is explained below. Links for Explanations of Technical terms are at the bottom of the report

BUY

- FIS fell over 65% from the April 2021 highs to the October 2023 lows, but now FIS has moved above its multi-year downtrend line. The recent move higher comes after support held twice at the 47 level (zoom chart). The weekly chart reveals that the 47level also marked a breakout in 2014 and support in 2015. *FIS is short-term overbought, but given the potential upside, clients should still be long the stock for the longer-term.*

RRG analysis shows that FIS had a very strong score in this week’s TPA-RRG report (+3.33). The RRG below shows that FIS recently lost momentum on its way to the Leading quadrant. This brief move is normally a head fake and very positive.

FIS Fidelity National Information Services Inc. 58.1800 Stop = 54.3983 Target = 84.3610



FIS - zoom



FIS - weekly

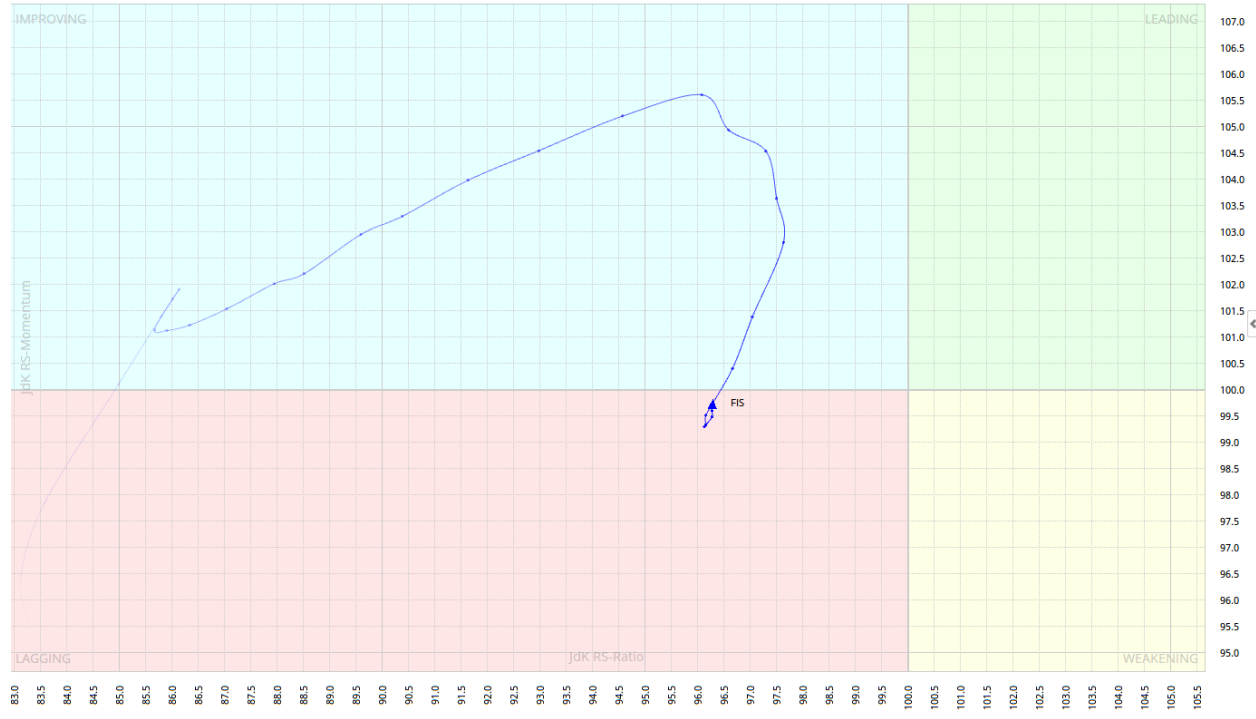


[Relative Rotation Graphs \(RRG\) – explanation video](#)

[RRG – written explanation](#)

FI	Hamilton Financial Industries Inc.	230.34	101.74	102.17	Leading	\$5,400	Industrial	4.33	-1.00	3.33
FI	Fiserv Inc.	125.80	97.88	100.25	Improving	\$75,503		3.33	—	3.33

RRG



TPA TREND-RANGE STRATEGY (see explanation below)

TPA TREND-RANGE REPORT (New and improved!)

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	(\$million) MKT CAP	LAST	CONDITION	SHORT TERM	POSSIBLE	OVERBOUGHT	RANGE?
						TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
JNJ	Johnson & Johnson	Pharmaceuticals Major	HealthTechnology	366,171	152.11	DOWNTREND	TURN UP?	0.70%	1	
FTNT	Fortinet Inc	Information Technology Services	TechnologyServices	41,160	53.60	DOWNTREND	TURN UP?	3.62%	0	
HSIC	Henry Schein Inc	Medical Distributors	DistributionServices	8,705	66.66	DOWNTREND	TURN UP?	4.13%	0	
RRX	Regal Rexnord Corp	Industrial Machinery	ProducerManufacturing	7,809	117.70	DOWNTREND	TURN UP?	5.95%	0	
NYCB	New York Community Bancorp Inc.	Savings Banks	Finance	6,914	9.57	DOWNTREND	TURN UP?	6.05%	-2	
ST	Sensata Technologies Holding PLC	ectronic Equipment Or Instrumen	ElectronicTechnology	4,899	32.37	DOWNTREND	TURN UP?	7.17%	0	
MTCH	Match Group Inc. - Ordinary Shares - New	Internet Software Or Services	TechnologyServices	8,829	32.48	DOWNTREND	TURN UP?	7.36%	-1	
APTV	Aptiv PLC	Auto Parts OEM	ProducerManufacturing	23,271	82.27	DOWNTREND	TURN UP?	7.59%	0	
NVST	Envista Holdings Corp	Medical Specialties	HealthTechnology	3,906	22.79	DOWNTREND	TURN UP?	8.01%	-2	
BWA	BorgWarner Inc	ks Or Construction Or Farm Mach	ProducerManufacturing	8,030	34.16	DOWNTREND	TURN UP?	8.36%	-1	
SSRM	SSR Mining Inc	Precious Metals	NonEnergyMinerals	2,412	11.83	DOWNTREND	TURN UP?	8.98%	-3	
RVTY	Revvity Inc.	Medical Specialties	HealthTechnology	11,034	89.41	DOWNTREND	TURN UP?	9.06%	0	
SNDR	Schneider National Inc	Trucking	Transportation	4,035	22.87	DOWNTREND	TURN UP?	10.27%	-3	
PCTY	PayLOCITY Holding Corp	Packaged Software	TechnologyServices	8,709	155.03	DOWNTREND	TURN UP?	11.97%	-1	
ON	ON Semiconductor Corp.	Semiconductors	ElectronicTechnology	30,847	71.62	DOWNTREND	TURN UP?	12.11%	-1	
ALGN	Align Technology Inc.	Medical Specialties	HealthTechnology	16,580	216.48	DOWNTREND	TURN UP?	13.02%	1	
HAS	Hasbro Inc.	Recreational Products	ConsumerDurables	6,443	46.43	DOWNTREND	TURN UP?	14.90%	-1	
LSCC	Lattice Semiconductor Corp.	Semiconductors	ElectronicTechnology	8,152	59.06	DOWNTREND	TURN UP?	17.61%	-2	
CLFT	Confluent Inc - Ordinary Shares Class A	Packaged Software	TechnologyServices	6,533	21.22	DOWNTREND	TURN UP?	18.98%	-3	
PAYC	Paycom Software Inc	Packaged Software	TechnologyServices	10,919	181.29	DOWNTREND	TURN UP?	24.35%	-1	
BILL	BILL Holdings Inc	Packaged Software	TechnologyServices	7,253	67.94	DOWNTREND	TURN UP?	29.60%	-2	
COMM	CommScope Holding Company Inc	Telecommunications Equipment	ElectronicTechnology	365	1.72	DOWNTREND	TURN UP?	33.10%	-1	
FCN	FTI Consulting Inc.	Miscellaneous Commercial Servic	CommercialServices	7,736	217.85	UPTREND	TURN DOWN?	-7.99%	2	
ARMK	Aramark	Restaurants	ConsumerServices	7,265	27.78	UPTREND	TURN DOWN?	-7.52%	0	
FTDR	Frontdoor Inc.	Homebuilding	ConsumerDurables	2,737	34.37	UPTREND	TURN DOWN?	-7.18%	1	
ESAB	ESAB Corp	Industrial Machinery	ProducerManufacturing	4,616	76.58	UPTREND	TURN DOWN?	-6.65%	2	
TT	Trane Technologies plc - Ordinary Shares - Class A	Industrial Machinery	ProducerManufacturing	50,661	222.63	UPTREND	TURN DOWN?	-6.45%	2	
HII	Huntington Ingalls Industries Inc	Aerospace And Defense	ElectronicTechnology	9,285	233.75	UPTREND	TURN DOWN?	-5.50%	1	
GWV	W.W. Grainger Inc.	Wholesale Distributors	DistributionServices	38,501	775.69	UPTREND	TURN DOWN?	-4.88%	1	
WM	Waste Management Inc	Environmental Services	IndustrialServices	68,367	169.74	UPTREND	TURN DOWN?	-4.32%	1	
CEG	Constellation Energy Corporation	Electric Utilities	Utilities	38,465	120.58	UPTREND	TURN DOWN?	-4.13%	2	
CHE	Chemed Corp.	Hospital Or Nursing Managemen	HealthServices	8,540	566.96	UPTREND	TURN DOWN?	-4.11%	1	
MNST	Monster Beverage Corp.	Beverages Non Alcoholic	ConsumerNonDurables	56,923	54.71	UPTREND	TURN DOWN?	-3.63%	0	
ORLY	O'Reilly Automotive Inc.	Specialty Stores	RetailTrade	57,620	973.94	UPTREND	TURN DOWN?	-3.62%	1	
EPR	EPR Properties	Real Estate Investment Trusts	Finance	3,346	44.42	UPTREND	TURN DOWN?	-2.99%	0	
SIRI	Sirius XM Holdings Inc	Broadcasting	ConsumerServices	18,043	4.70	UPTREND	TURN DOWN?	-2.86%	0	
BAH	Booz Allen Hamilton Holding Corp	Miscellaneous Commercial Servic	CommercialServices	16,229	124.47	UPTREND	TURN DOWN?	-2.59%	1	
COO	Cooper Companies Inc.	Medical Specialties	HealthTechnology	16,422	331.59	UPTREND	TURN DOWN?	-1.89%	1	
FL	Foot Locker Inc	Apparel Or Footwear Retail	RetailTrade	2,605	27.67	RANGE	TOP	-32.15%	1	!!
RUI	Sunrun Inc	Alternative Power Generation	Utilities	2,780	12.76	RANGE	TOP	-28.85%	-1	!!
S	SentinelOne Inc - Ordinary Shares - Class A	Packaged Software	TechnologyServices	5,644	19.09	RANGE	TOP	-23.88%	0	!!
SLG	SL Green Realty Corp.	Real Estate Investment Trusts	Finance	2,548	37.16	RANGE	TOP	-21.09%	1	!!
PAHW	Palo Alto Networks Inc	Packaged Software	TechnologyServices	91,093	288.91	RANGE	TOP	-21.03%	3	!!
LYFT	Lyft Inc	Other Transportation	Transportation	4,571	11.63	RANGE	TOP	-19.19%	0	

SYMBOL	DESCRIPTION	INDUSTRY	SECTOR	(\$million) MKT CAP	LAST	CONDITION	SHORT TERM	POSSIBLE	OVERBOUGHT	RANGE?
						TREND/RANGE	ALERT	NEXT MOVE	OVERSOLD	ALERT
QS	QuantumScape Corp - Ordinary Shares - Class A	Electrical Products	ProducerManufacturing	3,089	6.31	RANGE	TOP	-17.72%	0	
NEM	Newmont Corp	Precious Metals	NonEnergyMinerals	46,538	40.38	RANGE	TOP	-17.53%	0	
GM	General Motors Company	Motor Vehicles	ConsumerDurables	43,276	31.60	RANGE	TOP	-17.44%	0	!!
KRC	Kilroy Realty Corp.	Real Estate Investment Trusts	Finance	3,905	33.31	RANGE	TOP	-16.76%	1	!!
OMF	OneMain Holdings Inc	Finance Or Rental Or Leasing	Finance	5,064	42.23	RANGE	TOP	-15.66%	1	!!
TEAM	Atlasian Corporation Plc	Packaged Software	TechnologyServices	50,666	195.55	RANGE	TOP	-13.49%	1	
ZM	Zoom Video Communications Inc	Packaged Software	TechnologyServices	20,686	67.95	RANGE	TOP	-13.01%	1	
BBY	Best Buy Co. Inc.	Electronics Or Appliance Stores	RetailTrade	15,404	70.78	RANGE	TOP	-11.66%	0	
ESTC	Elastic N.V	Packaged Software	TechnologyServices	7,838	79.64	RANGE	TOP	-11.08%	2	
IP	International Paper Co.	Containers Or Packaging	ProcessIndustries	12,384	35.79	RANGE	TOP	-10.59%	0	!!
RMD	Resmed Inc.	Medical Specialties	HealthTechnology	23,366	158.85	RANGE	TOP	-10.54%	2	!!
REXR	Rexford Industrial Realty Inc	Real Estate Investment Trusts	Finance	10,278	48.69	RANGE	TOP	-10.44%	1	
WRK	WestRock Company	Containers Or Packaging	ProcessIndustries	10,284	40.10	RANGE	TOP	-10.38%	2	!!
IVZ	Invesco Ltd	Investment Managers	Finance	6,420	14.28	RANGE	TOP	-10.28%	0	
CACC	Credit Acceptance Corp.	Finance Or Rental Or Leasing	Finance	5,666	450.85	RANGE	TOP	-9.97%	2	
MHK	Mohawk Industries Inc.	Forest Products	NonEnergyMinerals	5,591	87.80	RANGE	TOP	-9.88%	2	
NWS	News Corp	Publishing Newspapers	ConsumerServices	13,399	23.40	RANGE	TOP	-9.77%	-1	!!
SYF	Synchrony Financial	Finance Or Rental Or Leasing	Finance	12,919	31.22	RANGE	TOP	-9.51%	0	
MKTX	MarketAxess Holdings Inc.	Investment Banks Or Brokers	Finance	8,987	237.09	RANGE	TOP	-9.42%	2	
PSX	Phillips 66	Oil Refining Or Marketing	EnergyMinerals	53,771	122.22	RANGE	TOP	-9.40%	1	
KNX	Knight-Swift Transportation Holdings Inc	Trucking	Transportation	8,590	53.23	RANGE	TOP	-8.91%	0	!!
DLTR	Dollar Tree Inc	Discount Stores	RetailTrade	26,647	121.12	RANGE	TOP	-8.19%	2	!!
GN	Global Payments Inc.	Miscellaneous Commercial Servic	CommercialServices	30,299	116.36	RANGE	TOP	-7.95%	2	!!
HR	Healthcare Realty Trust Inc - Ordinary Shares - Class A	Real Estate Investment Trusts	Finance	5,763	15.13	RANGE	TOP	-7.58%	-1	
DFS	Discover Financial Services	Finance Or Rental Or Leasing	Finance	22,228	88.89	RANGE	TOP	-7.43%	1	
XXRX	Xerox Holdings Corp	Computer Peripherals	ElectronicTechnology	1,726	14.04	RANGE	TOP	-7.05%	0	
PKG	Packaging Corp of America	Containers Or Packaging	ProcessIndustries	14,506	161.85	RANGE	TOP	-6.25%	1	!!
VICI	VICI Properties Inc	Real Estate Investment Trusts	Finance	30,643	29.62	RANGE	TOP	-6.04%	-1	
MO	Altria Group Inc.	Tobacco	ConsumerNonDurables	73,859	41.76	RANGE	TOP	-5.24%	0	!!
KEX	Kirby Corp.	Marine Shipping	Transportation	4,464	75.54	RANGE	BOTTOM	3.34%	1	
CPB	Campbell Soup Co.	Food Major Diversified	ConsumerNonDurables	11,834	39.76	RANGE	BOTTOM	4.06%	0	
PPC	Pilgrim's Pride Corp.	gricultural Commodities Or Millir	ProcessIndustries	6,012	25.39	RANGE	BOTTOM	4.93%	-1	!!
MSGS	Madison Square Garden Sports Corp - Ordinary Shares -	Movies Or Entertainment	ConsumerServices	4,004	167.27	RANGE	BOTTOM	5.08%	1	
EXC	Exelon Corp.	Electric Utilities	Utilities	38,215	38.39	RANGE	BOTTOM	5.59%	0	
PXD	Pioneer Natural Resources Co.	Oil And Gas Production	EnergyMinerals	53,633	229.88	RANGE	BOTTOM	6.13%	1	
WONK	Liberty Media Corp. - Ordinary Shares (New Liberty For	Media Conglomerates	ConsumerServices	14,867	63.38	RANGE	BOTTOM	6.22%	0	
GIS	General Mills Inc.	Food Major Diversified	ConsumerNonDurables	36,382	62.59	RANGE	BOTTOM	6.28%	0	!!
ODFL	Old Dominion Freight Line Inc.	Trucking	Transportation	41,890	383.91	RANGE	BOTTOM	6.61%	1	
OLLI	Ollie's Bargain Outlet Holdings Inc	Department Stores	RetailTrade	4,660	75.52	RANGE	BOTTOM	7.89%	1	
LVS	Las Vegas Sands Corp	Casinos Or Gaming	ConsumerServices	34,662	45.34	RANGE	BOTTOM	11.43%	-1	
EWZ	EWZ Inc - Ordinary Shares - Class A	Data Processing Services	TechnologyServices	122	6.42	UPTREND	TURN DOWN?	-1.89%	1	

TPA TREND-RANGE STRATEGY EXPLAINED

Alerts:

1. Uptrend stocks trading below short term moving averages:

- Possible buy at uptrend support (chart 1)
- Possible sell if medium-term trend break (chart 2)

2. Downtrend stocks trading above short-term moving averages

- Possible sell at downtrend resistance (chart 3)
- Possible buy if medium-term trend break (chart 4)

3. Range stocks (low trend strength) at the top or bottom 10% of their 2 STD DEV Bollinger Band

- Possible buy at bottom of range (chart 5)
- Possible sell at top of range (chart 6)

Medium-term Trend Strength determined by DMI ADX

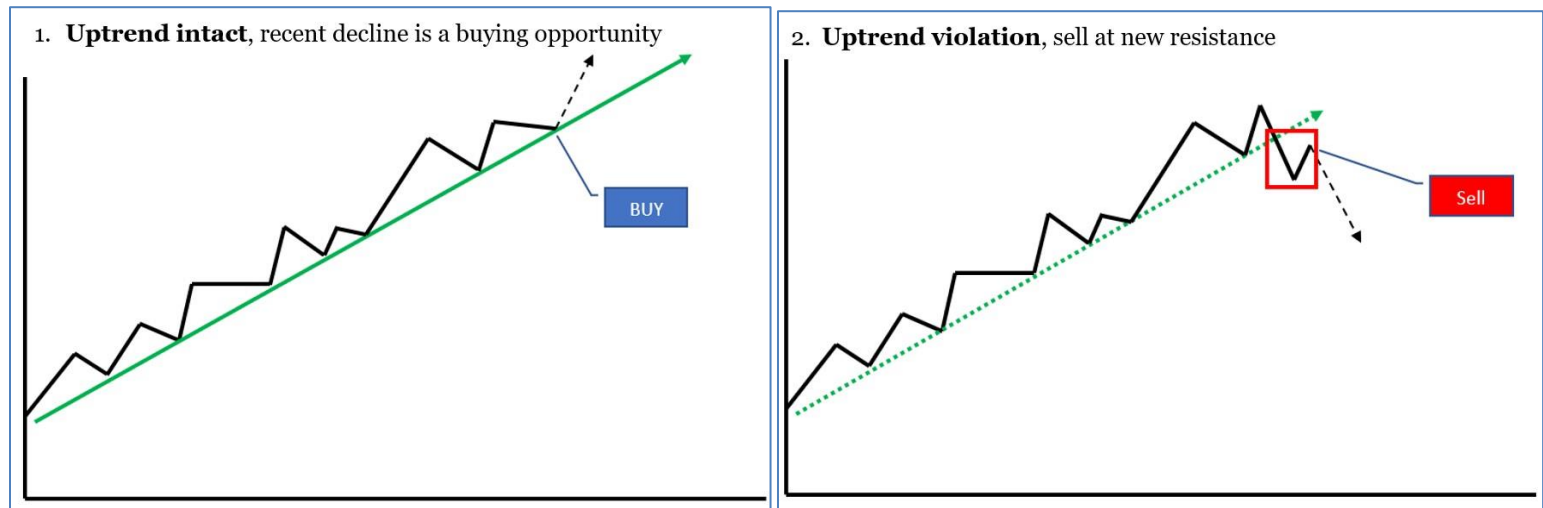
Uptrend – trend strength & DMI+ > DMI-

Downtrend – trend strength & DMI- > DMI+

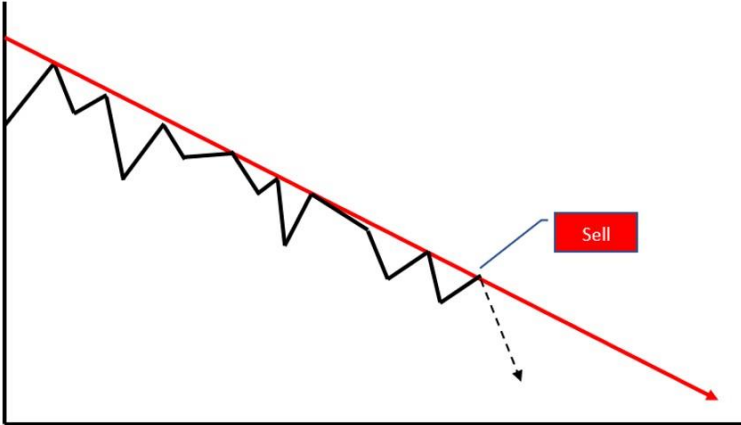
Range – low trend strength

Actionable stocks fit one of the 6 TPA charts at the bottom of this report

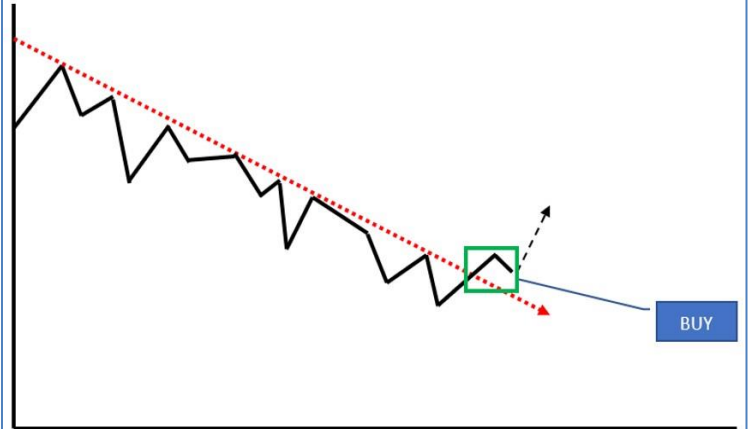
TPA looks first to Trend-Range for actionable ideas. Other variables must also be examined including, but not confined to, TPA's ongoing macro investment themes, relative strength compared to the market, sector, and subsector, overbought or oversold characteristics, other technical patterns that may exist, patterns that involve fundamentals or EPS surprise, longer-term support and resistance levels, and longer-term uptrends and downtrend lines.



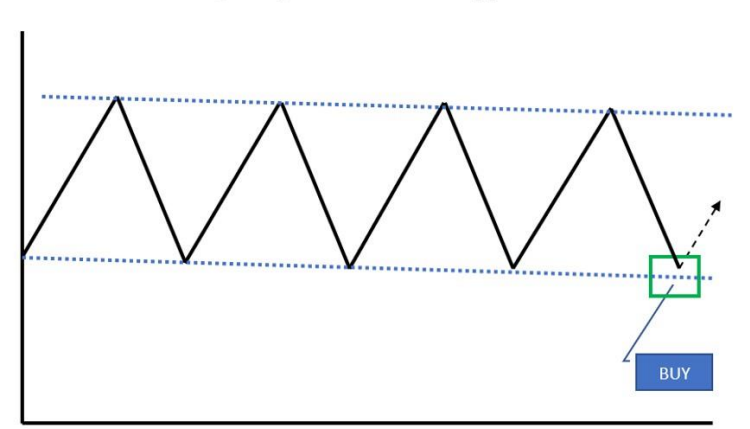
3. **Downtrend intact**, recent rally is a selling opportunity



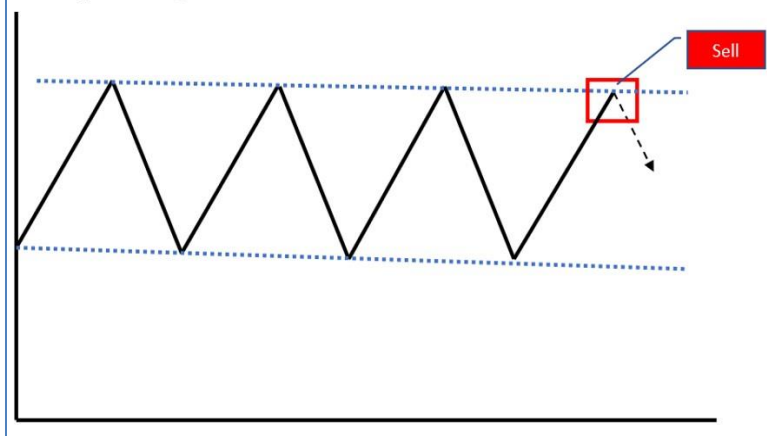
4. **Downtrend violation**, buy at new support



5. **Bottom of range**, buy at established support



6. **Top of range**, sell at established resistance



CLICK ON LINKS BELOW FOR TECHNICAL INDICATOR EXPLANATIONS:

[ASCENDING - DESCENDING TRIANGLE](#)
[BASING-TOPPING-CONSOLIDATION](#)
[BREAKOUT \(Breakdown\)](#)
[CHANNEL & RANGE](#)
[DIRECTIONAL MOVEMENT INDEX \(DMI\)](#)
[DOUBLE BOTTOM or DOUBLE TOP](#)
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[TREND](#)

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ALWAYS REMEMBER: No strategy exists in a vacuum – always evaluate the relevant sector & market.
Over 80% of portfolio performance is determined by sector and market forces (Ibbotson & Kaplan study – January/February 2000)

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