

#### Disclaimer



- The information in this presentation is for educational purposes only and is not intended to be a recommendation to purchase or sell any of the stocks, mutual funds, or other securities that may be referenced. The securities of companies referenced or featured in the seminar materials are for illustrative purposes only and are not to be considered endorsed or recommended for purchase or sale by BetterInvesting® National Association of Investors Corporation ("BI"). The views expressed are those of the instructors, commentators, guests and participants, as the case may be, and do not necessarily represent those of BetterInvesting. Investors should conduct their own review and analysis of any company of interest before making an investment decision.
- Securities discussed may be held by the instructors in their own personal portfolios or in those of their clients. Bl presenters and volunteers are held to a strict code of conduct that precludes benefiting financially from educational presentations or public activities via any BetterInvesting programs, events and/or educational sessions in which they participate. Any violation is strictly prohibited and should be reported to the CEO of BetterInvesting or the Director of Chapter Relations.
- This presentation may contain images of websites and products or services not endorsed by BetterInvesting. The presenter is not endorsing or promoting the use of these websites, products or services.

2

# Identifying Five Levels of Stock Valuation

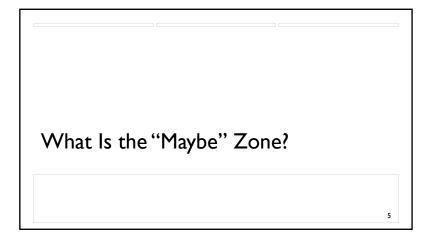
STOCKS IN THE "MAYBE" ZONE: KNOW WHEN TO SELL, AVOID, BUY

3

#### In This Session



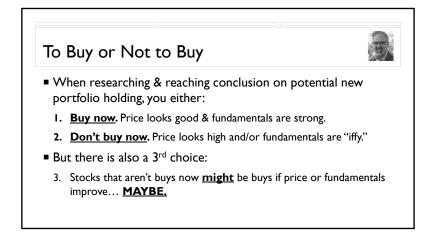
- Strategies for handling "maybe zone" stocks.
- Understanding uncertainty when making stock decisions.
- Making better decisions when stocks are "on the cusp."
- 5 categories of valuation to help identify areas of risk.
- Portfolio "baskets" into which uncertain holdings can be sorted.

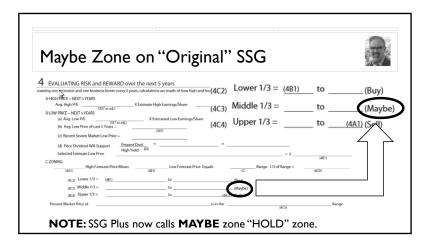


# Buy, Sell, or Hold in Your Portfolio?



- Investment decisions seem clear-cut with 3 options:
- <u>Buy</u>: stocks you believe have satisfactory future upside potential.
- 2. Sell: stocks you believe have significant chances of declining.
- **3.** <u>Hold</u>: stocks you believe are worth holding for potential upsides & have low chances of significant declines.





#### "MAYBE" Is Not Same as "HOLD"



- Original "MAYBE" zone suggests each investor perceives different attributes that impact decisions, such as:
- Different judgment applied about future prospects.
- Whether stock held in taxed or tax-advantaged account.
- Whether gains/losses if sold would be short- or long-term.
- Understanding of external issues affecting company.
- Impact of sale on portfolio diversification.
- General uncertainty about company or stock valuation.

### Stock Investing Decision Trade-offs



- "MAYBE" zone also reflects multitude of factors that come into play in all stock decisions.
- We strive to find opportunities driven by <u>tailwinds</u> despite evident headwinds.
- Huge warning sign: When everything looks good -- sure indication that something was missed or analysis is overly optimistic.
- SSG is "Aid to judgment, not replacement for it."

# Getting Stuck in Maybe Zone

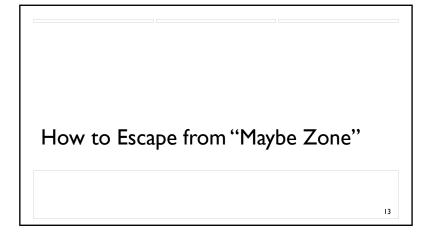


- Confidence leads to action—but uncertainty ("maybe") causes inaction.
- Paralysis driven by uncertainty is detrimental to performance:
- We hold underperformers too long, worsening returns.
- OR we hold outperformers too long, worsening returns.
- OR we don't buy when we should, missing opportunities to improve returns.

# Always Acknowledge Uncertainty



- Uncertainty is inherent in stock analysis & investing.
- Investors must accept that they are seldom 100% "certain" about any investing decision.
- Always acknowledge that investing decisions are based on weighing both positives AND negatives.
- So how uncertainty be resolved about stocks in **MAYBE** zone?



# Better Methods Bring Better Decisions



- According to BetterInvesting (BI), long-term stock investing success with Stock Selection Guide (SSG) comes from 2 things:
- 1. Find good companies.
- 2. Buy them at great prices (i.e., at good values).
- BI approach to identifying "great prices/good values" begins with understanding P/E ratios & their trends.

#### Review: What Is a Great Price?



- SSG uses **Price/Earnings (P/E) Ratio** as key valuation measure.
- General rules of thumb:
- If P/E is around average, stock may be **fairly valued**.
- If P/E is lower than average, stock may be undervalued.
- If P/E is higher than average, stock may be overvalued.
- Reminder: Potential total return is calculated using estimated future highest P/E at which stock is reasonably expected to sell.
- Can these rules be refined a bit further?

# P/E Ratios Measure Stock's Popularity

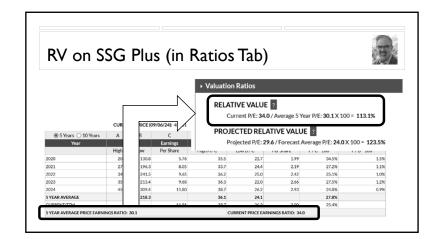


- P/Es measure of **popularity & investor expectations** about company's future performance.
  - Companies like Nvidia, Apple, Microsoft have higher than average P/E ratios now because interest is high.
  - Companies in housing & RV industries have lower than average P/E ratios now because of expectations that economy may linger at lower levels.
  - Company with problems may see EPS decline & yet have higher than average PEs because of expectations that problems are temporary & will be resolved.
- P/Es can only be interpreted on **relative** (not absolute) basis.

# Measuring "Value" with Relative Value



- Relative Value (RV) describes relationship of current P/E to past P/Es.
- RV = (Curr P/E ÷ Avg P/E)\*100
- On SSG, RV around 100% says "current price is around average levels of past relative to earnings."
- RV < 100% says is stock is under-valued, selling at **discount**.
- RV > 100% says stock is over-valued, selling at **premium**.
- Usual recommendation: Buy if stock is selling near or below 100% RV.



#### Monitoring Value with Projected Relative Value



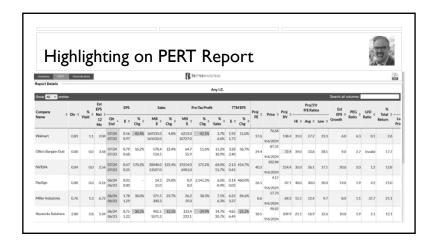
- Once stock is owned, use Projected RV to quickly assess value.
- Projected R/V = (Proj P/E ÷ Proj Avg P/E)\*100.

  Where Proj Avg P/E is average of user-chosen future high & low P/Es.
- Why use Projected RV?
- Accounts for expected future contraction or expansion of P/Es compared to past, according to your SSG judgment.

#### RV in Portfolio Management



- PERT (Portfolio Review) Report flags stocks when Projected RV is at either excessive end of ranges:
- Proj RV is <80% stock is in "warning" territory.
- Proj RV is >150% stock is in "overvalued" territory.
- Seems straightforward, but...







- How should Projected RV be interpreted if stock is somewhere in enormous range between 80% & 150%?
- Simple under-/over-valued framework fails to capture nuance or provide clear guidance for action in portfolio.
  - Especially for stocks reporting non-recurring events or that are in fringes of above ranges.

Redefining Valuation Characteristics

# Moving Beyond "Over-", "Fairly," or "Under-"Valued



- Can we capture nuance & provide better insight into buy/sell/hold definitions with by redefining/recategorizing stock valuation metrics?
- When we apply labels, we give meaning & create better understanding—making sense out of "maybe."

# My 5 Levels of Stock Valuation



Proj RV Range	Valuation Category
< 80%	Busted Valuation
80% - 100%	Undervalued
90% - 110%	Reasonably Valued
110% - 150%	Overvalued
> 150%	Hypervalued

**NOTE**:Values exist on continuum, never in absolute numerical ranges, & always subject to interpretation.

# Dealing with Busted Valuation Stocks

26

#### **Busted Valuation**



- P/E-based valuations cease to provide valid comparisons when Projected RV falls below 80%.
- Something negative has happened (or is expected to happen) to company fundamentals, so stock has sold off significantly.
- Could be <u>very severe</u> overreaction from market, & <u>may</u> offer long-term opportunity....
  - But depends on depth & severity of company's problems.
- Even so, market has long memory & may remember problems longer than fundamentals may warrant.

#### Should Busted Valuation Stocks Be Removed?



- Stocks that have busted valuations may show excellent longterm total return potential on SSG.
- However, this may be misleading:
- Fundamental problems may outweigh return potential.
- May be ideal candidates for capital loss harvesting.
- Should at minimum be automatic challenge candidates.
- Use extreme caution when considering these stocks.

#### Risks of Holding Ultra-Low RV Stocks



- Even if you decide factors affecting company are short-term in nature, market may not agree with you.
- Once company fundamentals improve, will market respond & lift share price?
- Short-term problems have tendency to linger in minds of investors, so may be years before valuations recover after problems are "fixed."
- Buying stocks selling at low prices may be best considered part of speculative portion of portfolio.
- Avoid falling into trap of "How much lower could it go?"

# Put Underperformers "On Probation"



- Companies that have stumbled or for which you are unsure of future prospects can be put **On Probation**.
- This means no action is expected (buy or sell) until more evidence is available, either continued downtrend or recovery.
- As evidence points increasingly towards removal, make stock "Available for Cash" (AFC).
- Mental trigger to acclimate to removal & find replacement candidates.

# Busted Valuation Stocks May Be Speculative



- If after acknowledging problems, want to continue to hold stock even if it's "long shot" that it will recover, move to "Speculative" portion of portfolio.
- NAIC Founder George Nicholson recommended that 5%-10% of assets be invested in "speculative" portion of portfolio.
- Segregated from rest of portfolio to protect other holdings from continuing damage, but allowing for big gains from current valuations.

Dealing with Under- & Reasonably-Valued Stocks

32

#### Undervaluation



- Undervalued = Projected RV between 80% & 100%.
- Stock is selling at or slightly below its average valuation.
- Stocks often sell at 10% 20% discount to typical levels.
- Optimal purchase level.
- High-quality companies may not sell for very long at significant discount to average valuation (IOW, "average" may mean that stock price & P/E fell for single day).
- For consistent-growing companies, buying when undervalued will provide extra boost to total return that will help portfolio returns exceed market over time.

#### Reasonable Valuation



- Reasonably Valued = Proj RV between 90% & 110%.
- Stock is close to average valuation—not especially on sale nor overpriced.
- If fundamentals warrant, can be good time to initiate or add to position.
- Over time, stocks almost always return to these levels.
- Some high-quality stocks never sell for long at much of discount, so paying ~10% premium may work out well over long-term.

#### A Little Discount Would Be Nice



- Buying stocks in undervalued & reasonably-valued ranges almost always serve long-term portfolio returns.
- Don't be discouraged from buying well-managed company at slightly-high valuation—it can pay off to <u>pay for quality</u>.
- Warren Buffet: "Better to buy wonderful company at fair price than fair company at wonderful price."

# However, Note These Important Caveats



- Any time stock sells much below average P/E, understand why:
- Has entire market pulled back?
- Is sector or industry under pressure?
- Has competitor/peer hit roadblock, & stock has fallen in sympathy?
- Is stock "fallen angel" facing temporary issues?

#### Best Buy Prospects May Be in Your Portfolio



- Investors tend to ignore currently-held stocks when they have capital to deploy.
- Don't want to increase average basis or lower total return earned from stock.
- Not confident enough about stock to make additional buy decisions.
- Logically, these are often best candidates compared to other opportunities—don't pass them by.

# Dealing with Overvalued Stocks

#### Overvaluation



- Overvalued = Projected RV between 110% & 150%.
  - Overvaluation level increases as Proj. RV gets closer to 150%.
- For stocks you own, this is great place to be!
- Means that valuations have increased since purchase.

#### Over-Valued Stocks in Portfolio



- If task of company analysis has been done successfully, many stocks will be "over-valued" with above-average P/E ratios.
- These are usually solid "hold" candidates as long as fundamentals are strong.
- In BI's approach, we never sell purely to lock in profit.
  - This is like cutting blooms off flowers in garden & letting weeds grow.
- BI suggests holding through periods of overvaluation & "hot" markets.

# Use Caution When Buying Overvalued Stocks



- Can be risky to buy stocks at these levels.
  - Ralph Seger: "High P/E stocks discount not only future but hereafter as well."
- Stocks at high end of Overvaluation stage are often "market darlings."
- Don't jump off cliff just because everyone else is!

# Dealing with Hypervalued Stocks

#### **Hypervaluation**



- **Hypervalued** = Projected RV > 150%.
- When stock reaches approaches this level, price is consideredsignificantly "overheated."
- Risk from holding is **high**:
- Level is unsustainable for long-term.
- Downside risk is very large if something goes wrong.
- Considering these as more than simply "over-valued" helps with portfolio management

# Risks of Holding Hyper-Valued Stocks



- Stocks <u>never stay hyper-valued for very long before</u> <u>pulling back</u>.
- Risk is that valuations will <u>regress to mean</u>, which creates loss on paper (& regrets about what might have been!).
- As a result, these are often **prime replacement candidates**.
- However, hyper-valued stocks have way of <u>continuing to</u> <u>increase in value</u>, most noticeably right after you sell!

#### The "Downside" of Investing Success



- Unrealized gains may be high from stocks approaching or at hyper-valuation levels, which can inhibit selling:
- Realizing gains will generate capital gains & resulting taxes.
- Selling winners may leave portfolio overloaded with average performers or outright losers.
- Selling good performers prevents future returns from those stocks.
- You simply like having big winners in portfolio!

# Gain/Loss Harvesting in Portfolio Management



- If portfolio includes busted-valuation or stocks with unrealized losses & hyper-valued stocks, then selling to generate offsetting gains/losses takes care of 2 problems at once.
- Consider sale as temporary & revisit sold stock only after 31 days (to avoid wash sale) to reconsider buying again.

# Downside Protection from Hyper-Valued Stocks

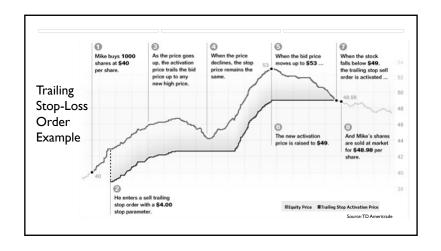


- Selling stocks at or near hyper-valuation level will work out well in most cases.
- However, if concerned about missing potential future upside, consider using **Trailing Stop Loss Order** (TSLO).

# Trailing Stop Loss Order



- With TSLO, stop price changes as security price changes.
- Stop price can be set in 2 ways:
  - As percentage of current price.
  - As fixed dollar amount less than current price.
- Stop price goes up as stock price goes up, but does not decline when stock price declines.





#### "Sell" Is Four-Letter Word



- Investors often resist selling underperformers due to negative feelings sell action generates.
  - Holding still gives illusion of hope that stock will recover!
- A better approach is to strike "sell" from vocabulary.
- Instead, think "replace" or "upgrade."
  - Your portfolio can always be <u>upgraded</u>.

# Replace or Upgrade Underperformers



- Remove "maybe zone" stocks by <u>replacing</u> for higher-quality, higher-total return stocks.
- Excitement around new stock pushes thoughts of prior holding into distant memory & reduces feelings of regret.

## Still Unsure? Shift Your Thinking



- Ask yourself why you are holding on to uncertainty
- If you are can't immediately reach decision, mark underperformer "Available for Cash" (AFC).
- Then carry out search for replacement candidates.
- Tagging stock helps brain & club members get accustomed to its removal.
- New compelling candidates often provide ample rationale to replace underperformers in portfolio.

# Summary of My Strategies for Coping with Maybe Zone Stocks

#### Strategies for Coping with "Maybe Zone" Stocks



- Put "Maybe Zone" stocks with highly uncertain prospects "On Probation" & set plan/timeline for handling.
- Use TSLO on Hypervalued stocks to capture future upside but automatically sell on price declines.
- Do buy **Reasonably Valued** stocks when cash & portfolio diversification allows.
- Move questionable or stocks with busted valuations into **Speculative** portfolio.
- Seek to "Replace" (not "sell") stocks with uncertain prospects or busted valuations.
- Mark uncertain companies "Available for Cash" & seek replacements.

