
Index

- Advanced Micro Devices (AMD), 147
Advent Software Inc. (ADVS),
 101, 102
Amateur hour, 14
AMB Property Corp. (AMB), 186
American Stock Exchange (AMEX),
 201
Area gap, 153
Arithmetic scale, 111, 113
Autozone Inc. (AZO), 33
Average, 116–117
Average daily volume, 101–102
- Bar, 8
Bar chart, 5, 8
Bar graph, 102–103
Basing action, 136
Bearish (black) candle, 12
Bearish engulfing pattern, 56–58, 60,
 236
Bearish harami, 62–63, 236
Bearish harami cross, 62, 236
Bearish reversal patterns, quick
 reference, 235–236
 bearish engulfing, 236
 bearish harami, 236
 dark cloud cover, 236
 doji (northern), 235–236
 evening star, 236
 hanging man, 235
 shooting star, 235
Bearish shadows, 91, 92
Bearish star, 18, 66, 67
- Bear market, 133
Bears, 9
Berry Petroleum Co. (BRY), 177, 178
Beta, 110
Biolase Technology Inc. (BLTI), 168
Biomarin Pharmaceuticals (BMRN),
 59
Blow-off top, 49
Body gap, 162
Bollinger, John, 103, 109
Bollinger Bands, 109
Bollinger on Bollinger Bands (Bollinger),
 103
Bollinger squeeze, 109
Bolt Technology Corp. (BTJ), 57–58
Bottom, 118–119. *See also* peaks and
 bottoms
Box range, 136
Breakaway gap, 153, 154
Breakdown, 175
Break of resistance, 176
Break of support, 175
Breakout, 176
Broad market environment, 83
Bulkowski, Thomas, 107
Bullish (white) candle, 12
Bullish engulfing pattern, 58–59, 237
Bullish harami, 63–64, 237
Bullish harami cross, 63
Bullish reversal patterns, quick
 reference, 237–238
 bullish engulfing, 237
 bullish harami, 238

- doji (southern), 237
- hammer, 237
- inverted hammer, 237
- morning star, 238
- piercing pattern, 237
- Bullish shadows, 91–92
- Bullish star, 66–67
- Bull market, 133
 - correction, 133
- Bulls, 9

- Cal Dive International Inc. (DVR), 137–140
- Calgon Carbon Corp. (CCC), 104–105
- Canadian National Railway (CNI), 156
- Candles, 8
- Candlestick charting
 - evolution of, 3–5
 - introduction to, 3–9
 - limitations of, 6–7
 - strengths of, 5–6
 - time frames, 25–26
- Candlestick Charting Explained* (Morris), 28
- Candlestick lines, 27
 - constructing, 11–26
 - evolve throughout session, 22–25
 - high-wave candles, 21–22
 - long candles, 16–18
 - shaven candles, 18–19
 - short candles, 18
 - spinning tops, 19–22
- Candlestick reversal patterns, 27–77
 - at support-resistance, 195–197
- Candlestick reversal patterns, using, 199–216
 - providing warnings, 213
 - recognizing candlestick patterns, 199–200
 - reinforcing other set-ups, 210–213
 - psychology of, 86–89
 - trading opportunities and, 201–207
- Candlesticks, 8
- Capitulation, 17
- Catching air, 136
- Chart analysis practice sets, 220–231
- Chart patterns, 8
- Checkpoint Systems Inc. (CKP), 158–159
- Clarcor Inc. (CLC), 171
- Closing Price, 14–15, 24
- Coding the candlestick patterns, 202–203
- Coherent Inc. (COHR), 95
- Cohu Inc. (COHU), 149
- Common gap, 153
- Common reversal patterns, 28–30
 - nonideal patterns and variations, 30
 - pattern format, 29
- Computerized screening, 201–202
 - limitations of, 206–207
- ConocoPhillips (COP), 69, 70
- Consolidation, 79–81, 125
- Continental Airlines (CAL), 107–108
- Continuation gap, 153, 154
- Convergence of signals, 211
- Con-Way Inc. (CNW), 93–94
- Copart Inc. (CPRT), 69, 70
- Corn Products International Inc. (CPO), 62–63
- Countertrend, 132
- Cover (buy-to-cover), 35
- Covering, 214
- Crane Co. (CR), 183–184

- Daily bar, 24–25
- Daily candlestick line, 24–25
- Daily chart, 8
- Dark cloud cover, 48–52, 236
 - pattern description and criteria, 48–49

- Denbury Resources Ltd. (DNR),
169–170
- Dip, 136
- Directional move, 19
- Divergence, 106–107
negative, 106
positive, 106
- Doji, 13, 41–48
as component of other patterns, 43
dragonfly doji, 47–48
gravestone, 28, 44–46
long-legged, 17, 18, 44, 45
northern doji, 42, 43, 235–236
pattern description and criteria,
41–42
southern doji, 42, 43, 237
- Dojima Rice Exchange, 4
- Doji star, 66
bearish, 66, 67
bullish, 67
- Double bottom, 35, 124, 140, 189,
211
- Double top, 34, 159, 177–178
- Dow Jones Industrial Average, 9, 83,
84, 133–135, 182, 189, 191,
200, 215
- Downtrend, 121, 123–125
- Dragonfly doji, 47–48
- Dril-Quip Inc. (DRQ), 190
- Dryships (DRYS), 125–126
- DTS Inc. (DTSI), 148
- EasyLanguage®, 203
- Easy Scan, 205
- Echelon Corp. (ELON), 141–142
- Electronic Communications
Networks (ECNs), 173
- Engulfing patterns, 55–60
bearish, 56–58, 60
bullish, 58–59
pattern description and criteria,
55–56
- Enhanced candlestick signals, 147–149
- eSignal, 200
- Estee Lauder Companies Inc. (EL),
184–185
- Evening doji star, 68, 69
- Evening star, 20, 68–72, 236
evening doji star, 68, 69
pattern description and criteria, 68
- Exchange-traded funds (ETFs), 215–216
- Exhaustion gap, 154, 155
- Exponential moving average (EMA),
187–189
- Failed reversal patterns, 86
- Falling window, 151, 152, 153
- False breakout, 81
- Fibonacci, Leonardo, 130
- Fibonacci retracement, 130, 131
- Fluor Corp. (FLR), 212
- Format, pattern, 29
- Foster Wheeler Ltd. (FWLT), 154
- Freemont General Corp. (FMT),
159–160
- Gaps, 151–173
defined, 151
morning gap, 151, 152, 161–167
morning gap's role in swing trading,
167–173
price (true) gaps, 151–161
providing support or resistance,
183–185
- General Motors Corp. (GM), 178–180
- Getting Started in Chart Patterns*
(Bulkowski), 107
- Golinhas Aereas (GOL), 194–195
- Google (GOOG), 204
- Gravestone doji, 28, 44–46
- Great Wolf Resorts (WOLF), 224,
223–231
- Hammer, 13, 34–36, 237
- Hanging man, 31–34, 235

- Harami, 20, 61–65
bearish, 62–63
bullish, 63–64
pattern description and criteria, 61
- Harami cross, 61
bearish, 62
bullish, 63
- Head-and-shoulders top, 94, 96
- High-wave candle, 17, 21–22
- Histogram, volume, 102–103
- Hoku Scientific (HOKU), 111, 112
- Homma, Munehisa, 4
- Honeywell International (HON),
128–129
- Horizontal channel, 81
- Immersion Corp. (IMMR), 109
- ImmuCor Inc. (BLUD), 121, 122
- Imperial Oil Ltd. (IMO), 51
- Infosys Technologies (INFY), 44, 45
- Inside bar, 65
- Inside day, 65
- Intercontinental Exchange Inc. (ICE), 54
- Intermediate-term trend, 131
- Intraday charts, 25–26
- Intraday data, 15
- Inverted hammer, 36, 39–40, 237
pattern description and criteria, 36
- Investing, 9
- Investools Inc. (SWIM), 124–125
- Investor, 9
- Island reversal, 156–157
- Japanese candlestick charting, 3–4, 151
Japanese Candlestick Charting Techniques
(Nison), 4, 19, 44, 62
- Japanese candlestick line, 11
- Knight Capital Group Inc. (NITE),
73, 74
- Knightbridge Tankers (VLCCF),
49–50
- Lane, George, 145
- Las Vegas Sands (LVS), 74, 75
- Limited Brands Inc. (LTD), 40
- Logarithmic scale, 110–111
- Long (long position), 32
- Long black candle, 17
- Longer-term volume analysis, 104,
105–108
- Long-legged doji, 17, 18, 44, 45
- Long-term trend, 127–131
- Long white candle, 16–17
- Major market average, 133
- Major trend, 127
- Marchex Inc. (MCHX), 42, 43
- Margin account, 214
- Marubozu, 18
- Maximum stop level, 161
- McClellan Summation Index, 113
- McDonald's (MCD), 195–197
- McMorgan Exploration Co. (MMR),
71, 72
- Mean reversion, defined, 136
- Measuring gap, 154
- MetaStock, 92, 200, 203
- Methanex Corp. (MEOH), 227,
227–229
- MGP Ingredients Inc. (MGPI), 38
- Minor consolidation, 136
- Minor trend, 131
- Momentum of the trend,
144–149
defined, 144
- Morgan Stanley (MS), 85
- Morning doji star, 72–73
- Morning gap, 151, 152, 161–167
candlesticks and, 165–166
defined, 161
exiting a trade in premarket, 173
filled, 163
interpreting, 166–167
intraday view of, 164–165

- morning gaps and pullbacks,
 - 170–172
- pullbacks and, 170–172
- role in swing trading, 167–173
- variations of, 163–164
- Morning star, 20, 71–76, 238
 - morning doji star, 72–73
 - pattern description and criteria, 72
- Morris, Gregory L., 28
- Moving average, 100, 116–118
 - defined, 116
 - exponential, 187–189
 - providing support or resistance,
 - 185–189
 - simple, 187–189
- Moving Average Convergence
 - Divergence (MACD), 144
- Murphy, John, 144
- Myriad Genetics Inc. (MYGN),
 - 191–192

- Narrow-range (NR) bar, 18
- Nasdaq Composite Index, 84, 133,
 - 188–189, 200
- Nasdaq 100 Index, 216
- Negative divergence, 106
- New York Stock Exchange (NYSE),
 - 101, 201
- Nison, Steve, 4, 19, 44, 62, 63
- Nonideal patterns and variations, 30
- Northern doji, 42, 43, 235–236

- Odd lot, 204
- Omni Energy (OMNI), 193–194
- Opening gap, 161–173. *See also*
 - morning gap
- Opening price, 14–15, 24
- Oscillator, 82, 100
 - defined, 144
 - stochastic, 145–147
 - uses of, 144–145
- OSI Pharmaceuticals Inc. (OSIP), 80

- Otto, Herbert, 234
- O2 Micro International Ltd. (OIIM),
 - 127–128
- Outside bar, 59
- Outside day, 59
- Overbought conditions, 79
 - stochastic oscillator and, 146, 147
 - tails and, 96
- Overextended stocks, 143
- Oversold conditions, 79
 - stochastic oscillator and, 146
 - tails and, 96

- Pattern gap, 153
- Pattern inside a pattern, 140
- Pattern recognition quiz, 217–220
- Peabody Energy (BTU), 87, 88
- Peak, 118–119. *See also* peaks and
 - bottoms
- Peaks and bottoms
 - resistance and support at, 176–180
- Pediatrix Medical Group Inc. (PDX),
 - 35–36
- Personal Criteria Formulas (PCFs), 202
- Piercing pattern, 52–55, 237
 - pattern description and criteria,
 - 52–53
- Pier I Imports Inc. (PIR), 208–209
- Positive divergence, 106
- Practice sets, 217–231
 - detailed chart analysis, 220–231
 - pattern recognition quiz, 217–220
- Premarket trading, 173
- Price, 8–9, 100
 - gaps, 151–161
 - movement, 79–82
 - objective, 207
 - relationships with volume, 105–106
 - swing, 131
 - volume filter and, 203–206
- Price gaps, 151–161
 - filling the gap, 157

- interpreting, 158–161
 - support and resistance and, 157–158
 - types of, 153–157
- Primary trend, 127
- Probability, 140–142
 - defined, 141
- ProShares ETFs, 215–216
- ProShares UltraShort Oil & Gas ETF (DUG), 216
- Psychology, behind reversal patterns, 86–89
- Pullbacks, 136, 141–143
- QCharts, 200
- Rally, 31
- Range, of price bar, 11, 13
- Real body, 12–14
- Rectangle, 81, 82
- Resistance
 - defined, 176
 - tails and, 92–96
 - see also* Support and resistance
- Retail Ventures Inc. (RVI), 123–124
- Retracement, 129
- Reversal patterns, 8, 27–77, 79–89, 201–207
 - common reversal patterns, 28–30
 - dark cloud cover and piercing pattern, 48–55
 - doji, 41–48
 - engulfing patterns, 55–60
 - factors that strengthen reversal signal, 82–85
 - failed, 86
 - harami, 61–65
 - multiple signals, 76–77
 - price movements and, 79–82
 - psychology, 86–89
 - searching for, 201–207
 - shooting star and inverted hammer, 36–40
 - stars, 66–76
 - trend reversal, 85–86
- Reversion to the mean, 135–140
- Reward, defined, 207
- Reward-to-risk ratio, 71, 207–210
- Reward versus risk, 207–210
- Rising window, 151, 152, 153
- Risk, defined, 207
- Riverbed Technologies Inc. (RVBD), 106, 107
- Rogers Corp. (ROG), 180–181
- Round numbers, 180–182
- Runaway gap, 153
- Russell 2000 Small-Cap Index, 189, 216
- Ryerson Inc. (RYI), 192–193
- S&P. *See* Standard & Poors (S&P) indexes
- Saint Jude Medical Inc. (STJ), 211
- Scaling out, 172
- Schlumberger Ltd. (SLB), 164–165
- Secondary trend, 131
- Securities and Exchange Commission (SEC), 214
- Security, 9
- Selling climax, 53
- Selling short, 213–215
- Sell-off, 32
- Sell stop, 215
- Session, 8
- Setup, 100
 - reversal patterns and, 210–213
- Shadows, 12, 14, 17
- Shaven candles, 18–19
- Shaw Group Inc. (SGR), 122, 123, 188
- Ship Finance International Ltd. (SFL), 64
- Shooting star, 36–39, 235
 - pattern description and criteria, 36–37

- Short (short position), 33
- Short candle, 18
- Shorting a stock, 213–215
- Short selling, 213–215
- Short-term trend, 131–132
- Short-term volume analysis, 104–105
- Sideways (no trend), 125–126, 137
- Simple moving average (SMA), 127, 187–189
- Slippage, defined, 173
- Small candle, 18
- Southern doji, 42, 43, 237
- Spinning top, 18, 19–22
- Standard & Poor's (S&P) e-mini, 201
- Standard & Poor's (S&P) indexes
 - 400 Midcap, 215
 - 500 Largecap, 83, 84, 110, 133, 189, 200, 215
- Standard deviation, 110
- Stars, 66–76
 - bearish, 66, 67
 - bullish, 66–67
 - evening, 68–72
 - morning, 71–76
 - pattern description and criteria, 66–67
 - shooting, 36–39
- Stochastic oscillator, 145–149
- Stockcharts.com, 92
- Stock index, 83
- Stocks, 8–9
 - overextended, 143
 - trading, 214
- Stop-loss order, 35
- Strategy, 100
- Sunoco Inc. (SUN), 222, 225–227
- Support
 - defined, 175, 176
 - tails and, 92–96
 - see also* support and resistance
- Support and resistance, 157–158, 175–197, 210–213
 - at peaks and bottoms, 176–183
 - candlesticks at support-resistance, 195–197
 - failure of support and resistance levels, 190–191
 - flexibility of, 189
 - gaps and, 183–185
 - moving averages and, 185–189
 - price gaps and, 157–158
 - resistance defined, 176
 - reverse roles, 191–195
 - round numbers, 180–182
 - setups and, 210–213
 - support defined, 175, 176
 - trend lines, 182–183
- Swing high, 119
- Swing low, 119
- Swing traders, 132
- Swing trading, 132, 209
- Tails, 91–96
 - in overbought or oversold conditions, 96
 - support and resistance and, 92–96
- Talisman Energy Inc. (TLM), 53
- Tall candle, 18
- Target, 207
- Technical analysis, 106–107
- Technical Analysis of the Financial Markets* (Murphy), 144
- Technical indicators, 100
- TeleChart®, 9, 92, 200, 202, 203, 205–206
- Test of resistance, 176
- Test of support, 175
- Three Buddha top, 94
- Three mountain top, 94
- Time frames, 25–26
 - intraday charts, 25–26
 - weekly charts, 26
- Trader, 9

- TradeStation, 200, 203
- Trading, 9
- Trading instruments, 9
- Trading opportunities provided by
 - reversal patterns, 201–207
- Trading period, 8
- Trading range, 81
- Trading session, 8
- TransOcean Inc. (RIG), 155
- Trend, defined, 115
- Trend analysis, 115–149
 - enhanced candlestick signals, 147–149
 - momentum of the trend, 144–147
 - probability and reversion to the mean, 135–144
 - trend direction, 116–126
 - trend duration, 127–135
- Trend direction, 116–126
 - downtrend (bearish), 123–125
 - moving averages, 116–118
 - peaks and bottoms, 118–119
 - sideways (no trend), 125–126, 137
 - trend lines, 119–122
 - uptrend (bullish), 122–123
- Trend duration, 127–135
 - intermediate-term trend, 131
 - long-term trend, 127–131
 - major market averages and, 133
 - multiple time frames, 133–135
 - short-term trend, 131
- Trend line, 119–122
 - connecting peaks and bottoms, 182–183
 - defined, 120
- Trend reversal, 85–86
- Triangle, defined, 129
- Trinity Industries Inc. (TRN), 130, 132
- Triple top, 94
- True gap, 151, 152, 161–163
- Umbrella lines, 30–36
 - hammer, 34–36
 - hanging man, 31–34
 - pattern description and criteria, 31
- Under Armour Inc. (UA), 74
- United Industrial Corp. (UIC), 172
- Uptrend, 121, 122–123
- Varian Inc. (VARI), 181–182
- Volatility, 85, 108–113, 209–210
 - defined, 108
 - measures of, 110–113
- Volume, 101–108, 155
 - analyzing patterns and trends, 103–108
 - average daily volume, 101
 - defined, 101
 - displaying on the chart, 101–103
 - relationships with price, 105–106
 - volume bars, 102–103, 155
 - volume in shares, 101, 102
- Vulcan Materials Co. (VMC), 46
- Waiting for confirmation, 15
- Weekly charts, 26
- Western Digital Corp. (WDC), 111, 112
- Western inside day, 65
- Western outside day, 59–60
- Western price bar, 11–12
- Western technical analysis, 8, 99, 106
- Wheeling-Pittsburg Corp. (WPSC), 47
- Wide-range bar, 17
- Wilder's Relative Strength Index (RSI), 144
- Windows, 151, 157
 - falling, 151, 152
 - rising, 151, 152