

Contents

About the Author	vii
Acknowledgments	ix
Fantasy Baseball and Mathematics Handouts	1
Handout 1: Description and Rules	3
Handout 2: Fantasy Team Roster	5
Handout 3: How to Read Box Scores	6
Handout 4: How to Collect Data	9
Handout 5: How to Compute Points	10
Handout 6: Practice in Computing Points, Using the Default Scoring System	12
Handout 7: Default Total Points Equations	13
Handout 8: Practice in Computing Points, Using the Default Total Points Equations	14
Handout 9: Weekly Scoring Worksheet	16
Handout 10: Weekly Scoring Worksheet Using Total Points Equations	42
Handout 11: Total Points Week-by-Week	68
Graphing Activities	71
Graphing	73
Circle Graphs	73
Stacked-Bar and Multiple-Line Graphs	75
Handout 12: Stacked-Bar Graph	76
Multiple-Line Graph	77

Practice Worksheets 79

Number Sense	81
Practice Worksheet 1: Rounding Whole Numbers and Expanded Notation	81
Practice Worksheet 2: Least Common Multiple and Greatest Common Factor	82
Practice Worksheet 3: Operations with Whole Numbers	83
Practice Worksheet 4: Equivalent Fractions	84
Practice Worksheet 5: Patterns and Multiples	85
Practice Worksheet 6: Ordering Fractions and Decimals	86
Practice Worksheet 7: Rounding Decimals	87
Practice Worksheet 8: Improper Fractions, Mixed Numbers, and Reciprocals	88
Practice Worksheet 9: Adding and Subtracting Fractions	89
Practice Worksheet 10: Stacked-Bar Graph	90
Practice Worksheet 11: Multiplying and Dividing Fractions	91
Practice Worksheet 12: Rounding Fractions	92
Practice Worksheet 13: Multiplying and Dividing Decimals	94
Practice Worksheet 14: Unit Rates	95
Practice Worksheet 15: Converting Fractions, Decimals, and Percentages	96
Practice Worksheet 16: Ratios	97
Practice Worksheet 17: Percentage of Price Increase and Decrease	98
Practice Worksheet 18: Finding a Percentage of a Number	99
Practice Worksheet 19: Proportions	101
Practice Worksheet 20: Ratios and Proportions	103
Practice Worksheet 21: Factoring	104
Practice Worksheet 22: Interest, Depreciation, and Tax	105
Practice Worksheet 23: Prime Factorization	106
Practice Worksheet 24: Scientific Notation	107
Practice Worksheet 25: Ordering Integers, Fractions, and Decimals	108
Practice Worksheet 26: Operations with Integers	109
Practice Worksheet 27: Permutations and Combinations	111
Algebra and Functions	112
Practice Worksheet 28: Unit Conversions	112
Practice Worksheet 29: Evaluating Algebraic Expressions	113

Practice Worksheet 30: Properties of Mathematics	114
Practice Worksheet 31: Graphing on a Number Line	115
Practice Worksheet 32: Linear Equations (A)	116
Practice Worksheet 33: Linear Equations (B)	120
Measurement and Geometry	121
Practice Worksheet 34: Area and Perimeter of Rectangles	121
Practice Worksheet 35: Golden Rectangles	123
Practice Worksheet 36: Functions	124
Practice Worksheet 37: Area and Circumference of Circles	126
Practice Worksheet 38: Weight	127
Practice Worksheet 39: The Pythagorean Theorem	128
Statistics, Data Analysis, and Probability	129
Practice Worksheet 40: Mean, Median, Mode, Range	129
Practice Worksheet 41: Probability	130
Practice Worksheet 42: Circle Graphs	132
Practice Worksheet 43: Stem-and-Leaf Plots and Histograms	133
Practice Worksheet 44: Scatter Plots	134
Practice Worksheet 45: Box-and-Whisker Plots	135
Mathematical Reasoning	136
Practice Worksheet 46: Statements Using Math Terminology	136
Extra Credit	137
Extra Credit Worksheet: Extra Credit Problems	137

Assessment **139**

Pretest/Posttest	141
------------------	-----

