

Contents

Preface	xi
How This Book Is Arranged.....	xii
Before You Begin.....	xii
 Part One: Getting Acquainted with the ACT Test	 1
 Chapter 1: About the ACT	 3
Description of the Full ACT Test.....	4
English Test.....	4
Mathematics Test.....	6
Reading Test	14
Science Test.....	17
Writing Test (Optional).....	19
The Fifth Test.....	21
Using a Calculator	22
Taking the Test	23
Summary	24
 Chapter 2: Preparation, Skills, and Strategies	 25
Mental Preparation	26
Identify Strengths and Address Areas of Improvement.....	26
Develop a Positive Mental Attitude	27
Keep the Test in Perspective.....	27
General Test-Taking Strategies and Skills	27
Remain Calm.....	27
Pace Yourself	28
Know the Directions Ahead of Time	29
Read Carefully and Thoroughly.....	29
Choose Strategies for Answering Easier and More Difficult Questions.....	30
Use Logic on More Difficult Questions	30
Choose a Strategy for Guessing on Multiple-Choice Questions.....	30
Choose a Strategy for Changing Answers	31
Write Notes in Your Test Booklet.....	31
Mark Your Answers Carefully.....	31
Plan to Check Your Answers.....	32
Learn Strategies for Specific Tests.....	32
Summary	32

Part Two: Taking and Evaluating Your First Practice Test.....	35
Chapter 3: Taking and Scoring Your First ACT Practice Test	37
Simulating Testing Conditions	37
Scoring Your Practice Test	101
Scoring Your Multiple-Choice Practice Tests	102
Scoring Your Practice Writing Test Essay.....	108
Reviewing Explanatory Answers	113
Chapter 4: Identifying Areas for Improvement.....	188
Reviewing Your Overall Performance	189
Highlighting Strengths and Areas for Improvement	
on the English Test	190
Test-Taking Errors.....	190
Highlighting Strengths and Areas for Improvement	
on the Mathematics Test	192
Math Subject Areas	192
Test-Taking Errors.....	192
Highlighting Strengths and Areas for Improvement	
on the Reading Test	193
Types of Reading Passages	194
Reading Skills Tested.....	194
Test-Taking Errors.....	195
Highlighting Strengths and Areas for Improvement	
on the Science Test	196
Science Subject Areas	196
Types of Science Passages.....	197
Test-Taking Errors.....	197
Highlighting Strengths and Areas for Improvement	
on the Writing Test.....	198
Writing Skills Tested	198
Writing Strategy or Process Errors	200
Part Three: Improving Your Score.....	201
Chapter 5: Improving Your English Score	203
Content of the ACT English Test	203
Types of Questions on the ACT English Test.....	204
Strategies for Taking the ACT English Test.....	213

Chapter 6: Improving Your Math Score.....	229
Content of the ACT Mathematics Test	230
Preparing for Higher Math	230
Integrating Essential Skills	230
Modeling.....	231
Types of Questions on the ACT Mathematics Test.....	231
Basic Math Problems.....	231
Basic Math Problems in Settings	235
Very Challenging Problems	239
Question Sets.....	246
Strategies for Taking the ACT Mathematics Test.....	251
Pace Yourself	251
Answer All Questions.....	251
Answer All the Easy Questions First, Then Go Back to	
Answer the Hard Ones	252
Read Each Problem Carefully	252
Look for Information in the Answer Choices.....	252
Use Illustrations Wisely and Whenever You Can.....	253
Use Your Calculator Wisely.....	253
Think!.....	253
Show Your Work.....	254
Check Your Answers	254
Chapter 7: Improving Your Reading Score	255
Content of the ACT Reading Test.....	255
Key Ideas and Details	256
Craft and Structure	256
Integration of Knowledge and Ideas.....	256
Types of Questions on the ACT Reading Test	257
Representative ACT Reading Test Questions.....	257
Strategies for Taking the ACT Reading Test.....	266
Pace Yourself	266
Use the Time Allotted	266
Think of an Overall Strategy That Works for You	267
Keep the Passage as a Whole in Mind.....	267
Find a Strategy for Approaching Each Question.....	267
Reading Strategies Summary	268
Chapter 8: Improving Your Science Score	276
Content of the ACT Science Test	276
Format of the ACT Science Test.....	277
Data Representation Format.....	278

Discussion of Sample Passage I (Data Representation)	280
Research Summaries Format	283
Discussion of Sample Passage II (Research Summaries)	285
Conflicting Viewpoints Format	287
Discussion of Sample Passage III (Conflicting Viewpoints)	289
Strategies for Taking the ACT Science Test	292
Develop a Problem-Solving Method.....	292
Take Notes	293
Pace Yourself	293
Practice Interpreting Graphs, Tables, and Diagrams.....	293
Make the Most of the Information in Graphs.....	294
Make the Most of the Information in Tables	296
Develop an Understanding of Scientific Investigations	297
Carefully Analyze Conflicting Viewpoints.....	297
Chapter 9: Improving Your Score on the Optional Writing Test	298
Content of the ACT Writing Test.....	299
How Your Essay Will Be Scored.....	299
Sample Prompt and Essays	299
Sample ACT Writing Test Prompt	300
Planning Your Essay.....	302
Sample Essay Responses.....	303
Strategies for Taking the ACT Writing Test	326
Prewrite	326
Write	326
Review Your Essay	327
Practice	327
Part Four: Taking Additional Practice Tests.....	329
Chapter 10: Taking Additional Practice Tests	331
Practice Test 2.....	337
Explanatory Answers	395
Practice Test 3.....	469
Explanatory Answers	527
Practice Test 4.....	617
Explanatory Answers	675
Practice Test 5.....	745
Explanatory Answers	803
Practice Test 6.....	877
Explanatory Answers	935

Chapter 11: Scoring the Additional Practice Tests	1005
Scoring Your Practice Tests.....	1006
Scoring Practice Test 2	1007
Scoring the Multiple-Choice Tests.....	1007
Scoring Your Practice Writing Test 2 Essay	1013
Scoring Practice Test 3	1015
Scoring the Multiple-Choice Tests.....	1015
Scoring Your Practice Writing Test 3 Essay	1021
Scoring Practice Test 4	1023
Scoring the Multiple-Choice Tests.....	1023
Scoring Your Practice Writing Test 4 Essay	1029
Scoring Practice Test 5	1031
Scoring Your Multiple-Choice Practice Tests	1031
Scoring Your Practice Writing Test 5 Essay	1037
Scoring Practice Test 6	1039
Scoring Your Multiple-Choice Practice Tests	1039
Scoring Your Practice Writing Test 6 Essay	1045
 Chapter 12: Interpreting Your ACT Test Scores	
and Ranks	1047
Understanding Your ACT Test Results.....	1049
How ACT Scores Your Multiple-Choice Tests	1049
How ACT Scores Your Writing Test.....	1049
Recognizing That Test Scores Are Estimates of	
Educational Achievement	1049
Using Ranks to Interpret Your Scores.....	1050
Comparing Your Test Scores to Each Other	1050
Comparing Your Scores and Ranks to Your	
High School Grades.....	1050
Comparing Your Scores to Those of Enrolled First-Year	
College Students.....	1050
Using ACT College and Career Readiness Standards to	
Help You Understand Your ACT Scores	1051
Planning Your Education and Career.....	1052
Seeking Additional Information and Guidance.....	1052
ACT College and Career Readiness Standards—English	1053
ACT College and Career Readiness Standards—Mathematics.....	1060
ACT College and Career Readiness Standards—Reading	1069
Text Complexity Rubric—Reading	1076
ACT College and Career Readiness Standards—Science.....	1083

Part Five: Moving Forward to Test Day	1091
Chapter 13: Registering, Planning, and Packing for	
Test Day	1093
National Testing Program Versus State and District Testing.....	1094
Registering for the ACT	1094
Selecting a National Testing Date and Location.....	1094
Selecting a Test Option.....	1096
Registering.....	1096
Registering under Special Circumstances	1097
Planning and Packing for Test Day.....	1097
Getting to the Test Center	1097
Dressing for Test Day	1098
Packing for Test Day: What to Bring	1098
Obtaining Additional Test Details.....	1099
At the Test Center.....	1099
Checking In	1099
Following the Rules	1100
Communicating with the Testing Staff.....	1101
Maintaining Your Composure and Energy	1102
Voiding Your Answer Documents on Test Day.....	1103
Testing More Than Once	1103