# Contents

# **1 THINKING GEOGRAPHICALLY**

#### How do geographers describe where things are?

- 1.1 Welcome to Geography 4
- 1.2 Ancient and Medieval Geography 6
- 1.3 Reading Maps 8
- 1.4 The Geographic Grid 10
- 1.5 Geography's Contemporary Analytic Tools 12

#### Why is each point on Earth unique?

- 1.6 Place: A Unique Location 14
- 1.7 Region: A Unique Area 16

#### How are different locations interrelated?

- 1.8 Scale: From Global to Local 18
- 1.9 Space: Distribution of Features 20
- 1.10 Connection: Interaction Between Places 22

#### How do people relate to their environment?

- 1.11 Earth's Physical Systems 24
- 1.12 Human-Environment Interaction 26

# Chapter Review 28

**2 POPULATION** 

#### Where is the world's population distributed?

- 2.1 Population Concentrations 34
- 2.2 Population Density 36

# *Why does population growth vary among countries?*

- 2.3 Components of Change 38
- 2.4 Population Structure 40
- 2.5 The Demographic Transition 42
- 2.6 Declining Birth Rates 44

#### How might population change in the future?

- 2.7 Population Futures 46
- 2.8 Malthus's Grim Forecast 48
- 2.9 The Epidemiologic Transition 50
- 2.10 Global Reemergence of Infectious Diseases 52

### **3 MIGRATION**

#### Where are migrants distributed?

- 3.1 Global Migration Patterns 58
- 3.2 Changing Origin of U.S. Immigrants 60
- 3.3 Interregional Migration 62
- 3.4 Intraregional Migration 64

#### Why do people migrate?

- 3.5 Reasons to Migrate 66
- 3.6 Migrating to Find Work 68
- 3.7 Gender and Family 70

#### What obstacles do immigrants face?

- 3.8 Undocumented U.S. Immigrants 72
- 3.9 Attitudes Towards Immigrants 74

Chapter Review 76

# 4 FOLK AND POPULAR CULTURE

#### How are folk and popular culture distributed?

- 4.1 Elements of Folk and Popular Culture 80
- 4.2 Origin and Diffusion of Music 82
- 4.3 Origin and Diffusion of Sports 84

# How are needs of daily life met in folk and popular culture?

- 4.4 Folk and Popular House Styles 86
- 4.5 Folk and Popular Food Preferences 88
- 4.6 Folk and Popular Clothing Preferences 90

# How is the landscape altered by folk and popular leisure?

- 4.7 Diffusion of Popular Media 92
- 4.8 Landscapes of Folk and Popular Art and Leisure 94
- 4.9 Challenges to Landscapes of Folk and Popular Culture 96

### 5 LANGUAGE

#### How are languages classified?

- 5.1 Classifying Languages 102
- 5.2 Distribution of Languages 104
- 5.3 Indo-European Languages 106

#### How are languages distributed?

- 5.4 Origin and Diffusion 108
- 5.5 Dialects 110
- 5.6 Global Dominance of English 112
- 5.7 Isolated, Endangered, and Extinct Languages 114

#### How do languages share space?

- 5.8 French and Spanish in North America 116
- 5.9 Multilingual States 118

Chapter Review 120

# 6 RELIGION

#### Where are religions distributed?

- 6.1 Distribution of Religions 124
- 6.2 Geographic Branches of Religions 126
- 6.3 Diversity of Universalizing Religions 128
- 6.4 Origin of Religions 130
- 6.5 Diffusion of Universalizing Religions 132

#### How do religions shape landscapes?

- 6.6 Holy Places in Universalizing Religions 134
- 6.7 Ethnic Religions and the Landscape 136

#### Where are territorial conflicts between religions?

- 6.8 Religious Conflicts: Ireland 138
- 6.9 Religious Conflicts: The Middle East 140
- 6.10 Jerusalem: Contested Space 142

### 7 ETHNICITY

#### Where are ethnicities and races distributed?

- 7.1 Race and Ethnicity 148
- 7.2 Distribution of Ethnicities in the United States 150
- 7.3 African American Migration 152
- 7.4 Discrimination by Race 154

# Where are ethnicities and nationalities distributed?

- 7.5 Ethnicities and Nationalities 156
- 7.6 Combining and Dividing Ethnicities 158

#### Where do ethnicities face conflict?

- 7.7 Ethnic Diversity in Western Asia 160
- 7.8 Ethnic Cleansing in the Balcans 162
- 7.9 Ethnic Competition and Genocide in Africa 164

Chapter Review 166

# 8 POLITICAL GEOGRAPHY

#### What is a state?

- 8.1 A World of States 170
- 8.2 Ancient States 172
- 8.3 Nation-States and Multinational States 174
- 8.4 Challenges in Defining States 176
- 8.5 Colonies 178

#### How are states organized?

- 8.6 Shapes of States 180
- 8.7 Boundaries 182
- 8.8 Governing States 184
- 8.9 Electoral Geography 186

#### How do states interact with each other?

- 8.10 Cooperation Among States 188
- 8.11 Terrorism by Individuals and Organizations 190
- 8.12 State Support for Terrorism 192

### 9 DEVELOPMENT

#### How does development vary among regions?

- 9.1 Human Development Index 198
- 9.2 Standard of Living 200
- 9.3 Access to Knowledge 202
- 9.4 Health Indicators 204
- 9.5 Gender-related Development 206

#### How can countries promote development?

- 9.6 Two Paths to Development 208
- 9.7 World Trade 210
- 9.8 Financing Development 212

#### What are future challenges for development?

- 9.9 Fair Trade 214
- 9.10 Millennium Development Goals 216

Chapter Review 218

# 10 FOOD AND AGRICULTURE

#### What do people eat?

- 10.1 Origin of Agriculture 222
- 10.2 Diet 224
- 10.3 Nutrition and Hunger 226

#### How is agriculture distributed?

- 10.4 Agricultural Regions 228
- 10.5 Comparing Subsistence and Commercial Agriculture 230
- 10.6 Subsistence Agriculture Regions 232
- 10.7 Commercial Agriculture Regions 234
- 10.8 Fishing 236

#### What challenges does agriculture face?

- 10.9 Subsistence Agriculture and Population Growth 238
- 10.10 Commercial Agriculture and Market Forces 240
- 10.11 Sustainable Agriculture 242

## 11 INDUSTRY

#### Where is industry clustered?

- 11.1 The Industrial Revolution 248
- 11.2 Distribution of Industry 250

# *What situation factors influence industrial location?*

- 11.3 Situation Factors in Industry 252
- 11.4 Changing Steel Production 254
- 11.5 Changing Auto Production 256
- 11.6 Ship by Boat, Rail, Truck, or Air? 258

#### What site factors influence industrial location?

- 11.7 Site Factors in Industry 260
- 11.8 Textile and Apparel Production 262
- 11.9 Emerging Industrial Regions 264

Chapter Review 266

# 12 SERVICES AND SETTLEMENTS

#### Where are consumer services distributed?

- 12.1 Types of Services 270
- 12.2 Central Place Theory 272
- 12.3 Hierarchy of Consumer Services 274
- 12.4 Market Area Analysis 276

#### Where are business services distributed?

- 12.5 Hierarchy of Business Services 278
- 12.6 Business Services in Developing Countries 280
- 12.7 Economic Base 282

#### Where are settlements distributed?

- 12.8 Rural Settlements 284
- 12.9 Settlements in History 286
- 12.10 Urbanization 288

#### 13 URBAN PATTERNS

#### Where are people distributed within urban areas?

- 13.1 The Central Business District 294
- 13.2 Models of Urban Structure 296
- 13.3 Social Area Analysis 298
- 13.4 Urban Patterns in Europe 300
- 13.5 Urban Patterns in Latin America 302

#### How are urban areas expanding?

- 13.6 Defining Urban Settlements 304
- 13.7 Fragmented Government 306

#### What challenges do cities face?

- 13.8 Decline and Renewal 308
- 13.9 Suburban Sprawl 310
- 13.10 Urban Transportation 312

Chapter Review 314

## 14 **RESOURCE ISSUES**

#### How are resources being depleted?

- 14.1 Nonrenewable Energy Resources 318
- 14.2 Energy Production and Reserves 320
- 14.3 Mineral Resources 322

#### How are resources polluted?

- 14.4 Air Pollution 324
- 14.5 Water Pollution 326
- 14.6 Solid Waste Pollution 328

#### How are resources being conserved?

- 14.7 Renewable Resources 330
- 14.8 The Car of the Future 332
- 14.9 Sustainability 334

Chapter Review 336

Glossary 338 Credits 344 Index 346