

What is the origin of the word *geography*?

How is the study of geography different than the study of history?

How is place different than region?

Figure 1-3

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Map Purposes

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GIScience

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GPS

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VGI

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Map Scale

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Ratio

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Written

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Graphic

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Figure 1-16

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Projection

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Figure 1-18

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Figure 1-20

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The Geographic Grid

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isoline

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dot

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choropleth

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graduated symbol

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cartogram

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Place Names

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Site

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Situation

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Cultural Landscape

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Formal Region

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Figure 1-32

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Functional Region

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Figure 1-33

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Vernacular Region

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Figure 1-35

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Spatial Association

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Figure 1-38

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Scale: Global to Local

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Scale & Economic Change

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Figure 1-41

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Figure 1-42

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Space: Distribution of Features

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Density

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Concentration

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Pattern

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Figure 1-44

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Figure 1-45

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Figure 1-50

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Distribution by Gender

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Figure 1-52

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Figure 1-53

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Networks

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Figure 1-63

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Figure 1-64

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Sustainability & Resources

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Sustainability's Three Pillars

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Environment Pillar

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Social Pillar

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Economic Pillar

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Figure 1-69

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Lithosphere

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Topographic maps

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Cultural Ecology

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Environmental Determinism

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Possibilism

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Sustainable Ecosystem: The Netherlands

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Unsustainable Ecosystem: Cape Town, South Africa

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Telling Time

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Figure 1-78

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**APPENDIX | Map Scale and Projections - p. AP-1 - AP-7**

Geospatial Technologies

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Figure A-1

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Figure A-2

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Map Scale

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Real -World Measures

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Guides to Generalization

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Map Projections

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Perspective Models

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Preserved properties

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Figure A-7

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Figure A-8

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Projections Used in Textbooks

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