

# Student Activity Book

## Answer Key

Understanding Pennsylvania:  
Our Geography, History, Economy, and Government

2nd Edition

by

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# Answer Key for *Student Activity Book* *Understanding Pennsylvania: Our Geography, History, Economics, and Governments*

## Activity 1 – Using the Internet

- |                  |                           |                               |  |
|------------------|---------------------------|-------------------------------|--|
| 1. billions      | 5. National Memorial      | 9. youngest Civil War general | 13. Drake Well Museum                          |
| 2. * (star)      | 6. French and Indian War  | 10. Smithsonian Institute     | 14. warning = tornado;<br>watch = look for one |
| 3. England       | 7. National Historic Park | 11. archeological site        | 15. Philadelphia National<br>Historic Park     |
| 4. rude behavior | 8. Pittsburgh             | 12. Erie, PA                  |  |

## Activity 2 – Using the Index and Glossary

- |                    |                             |                |                             |
|--------------------|-----------------------------|----------------|-----------------------------|
| 1. mouth           | 6. municipalities           | 11. p. 76      | 16. trading posts           |
| 2. source          | 7. theocracy                | 12. p. 44      | 17. 1763                    |
| 3. a name given to | 8. a safe place             | 13. mapmaker   | 18. dictator of North Korea |
| 4. audit           | 9. anarchy                  | 14. Jim Thorpe |                             |
| 5. converted       | 10. Ben Franklin's daughter | 15. p. 115     |                             |

## Activity 3 – Using Cardinal and Intermediate Directions

- |              |                        |               |               |
|--------------|------------------------|---------------|---------------|
| 1. Maryland  | 5. northeast           | 9. north      | 13. southwest |
| 2. 6 states  | 6. southeast           | 10. south     | 14. northwest |
| 3. southwest | 7. northeast/southwest | 11. southeast | 15. northeast |
| 4. northwest | 8. south               | 12. southeast | 16. east      |

## Activity 4 – Finding Places with Latitude and Longitude

- |                 |                     |                    |                   |
|-----------------|---------------------|--------------------|-------------------|
| 1. Pennsylvania | 5. Indian Ocean     | 9. DNE             | 13. New Zealand   |
| 2. Australia    | 6. Algeria          | 10. Russia         | 14. Canada        |
| 3. DNE          | 7. Papua New Guinea | 11. Gulf of Mexico | 15. India         |
| 4. Brazil       | 8. Greenland        | 12. China          | 16. Alaska        |
|                 |                     |                    | 17. Vinson Massif |

## Activity 5 – Interpreting Climatic Data for Pennsylvania

- |                 |                    |                                |
|-----------------|--------------------|--------------------------------|
| 1. Pittsburgh   | 5. Scranton        | 9. Harrisburg/ Pittsburgh -22° |
| 2. Philadelphia | 6. Erie            | 10. 129°                       |
| 3. Allentown    | 7. Philadelphia    | 11. 72.4"                      |
| 4. Allentown    | 8. Harrisburg 107° | 12. 7.61"                      |
|                 |                    | 13. 22.6°                      |

## Activity 6 – Classifying the Landform Regions of Pennsylvania

- |                           |                           |                       |                            |
|---------------------------|---------------------------|-----------------------|----------------------------|
| 1. Piedmont               | 6. Ridge & Valley         | 11. Erie Plain        | 16. Piedmont               |
| 2. Atlantic Coastal Plain | 7. Allegheny Plateau      | 12. Ridge & Valley    | 17. Atlantic Coastal Plain |
| 3. Allegheny Plateau      | 8. Atlantic Coastal Plain | 13. Piedmont          | 18. Piedmont               |
| 4. Ridge & Valley         | 9. Ridge & Valley         | 14. Allegheny Plateau |                            |
| 5. Erie Plain             | 10. Allegheny Plateau     | 15. Erie Plain        |                            |

## Activity 7 – Identifying the Water Forms of Pennsylvania

(Secret Word: reservoir)

Erratum: Item # 11 Youghiogheny – the 10th letter should be circled, or the e.

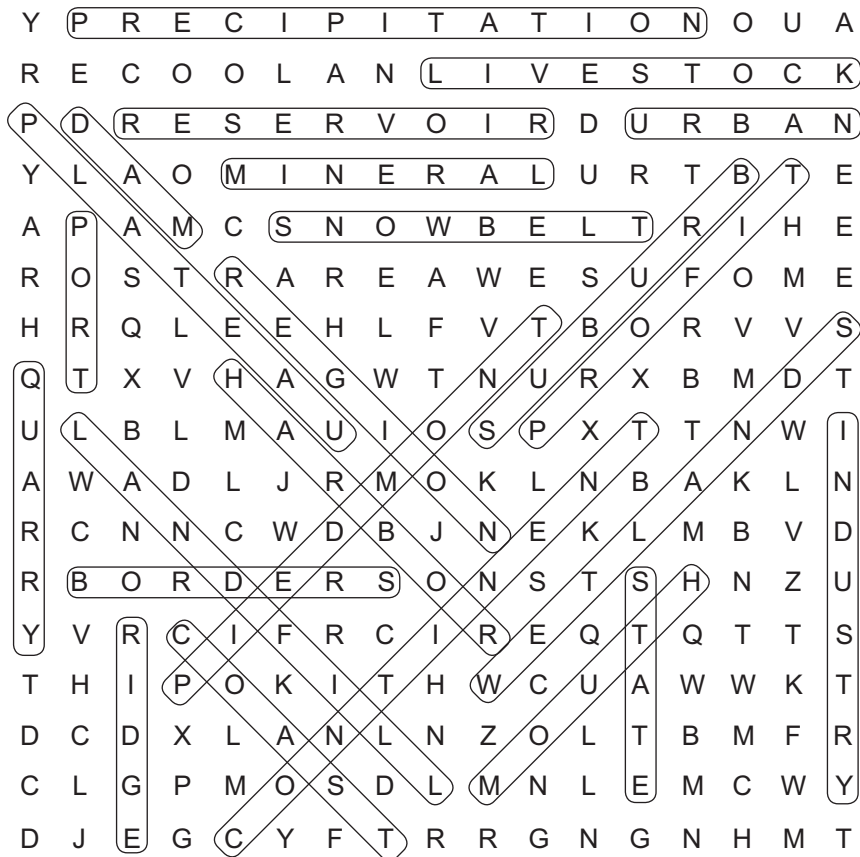
- |                  |                |  |
|------------------|----------------|--|
| 1. Clarion       | 6. Lake Erie   | 11. Youghiogheny                           |
| 2. Susquehanna   | 7. Beaver      | 12. Allegheny                              |
| 3. Monongahela   | 8. West Branch | 13. Schuylkill                             |
| 4. Juniata       | 9. Delaware    | 14. Ohio                                   |
| 5. Raystown Lake | 10. Lehigh     | 15. Delaware, Ohio, Monongahela, Lake Erie |

### Activity 8 – Natural Resources of Pennsylvania

- |                 |                       |                  |                 |
|-----------------|-----------------------|------------------|-----------------|
| 1. fossil fuels | 6. population density | 11. conservation | 16. forest      |
| 2. viaduct      | 7. mining             | 12. commission   | 17. energy      |
| 3. nonrenewable | 8. natural resources  | 13. renewable    | 18. petroleum   |
| 4. anthracite   | 9. bituminous         | 14. ecosystem    | 19. natural gas |
| 5. environment  | 10. mineral           | 15. region       | 20. deposits    |

### Activity 9 – Pennsylvania Geography Words

The agricultural word is livestock. Also, the word wetlands is in the Word Search, but was left out of the Word List.



### Activity 10 – Using Pennsylvania's Timeline

- |                  |                                    |               |
|------------------|------------------------------------|---------------|
| 1. 15,000        | 6. aluminum                        | 11. York      |
| 2. 414           | 7. 1780                            | 12. 1,250,000 |
| 3. Sweden        | 8. Hershey opens chocolate factory | 13. 1876      |
| 4. 43            | 9. 1859                            | 14. 1664      |
| 5. polio vaccine | 10. 1688                           | 15. 1835      |

## Activity 11 – Comparing and Contrasting Native American Tribes in Pennsylvania

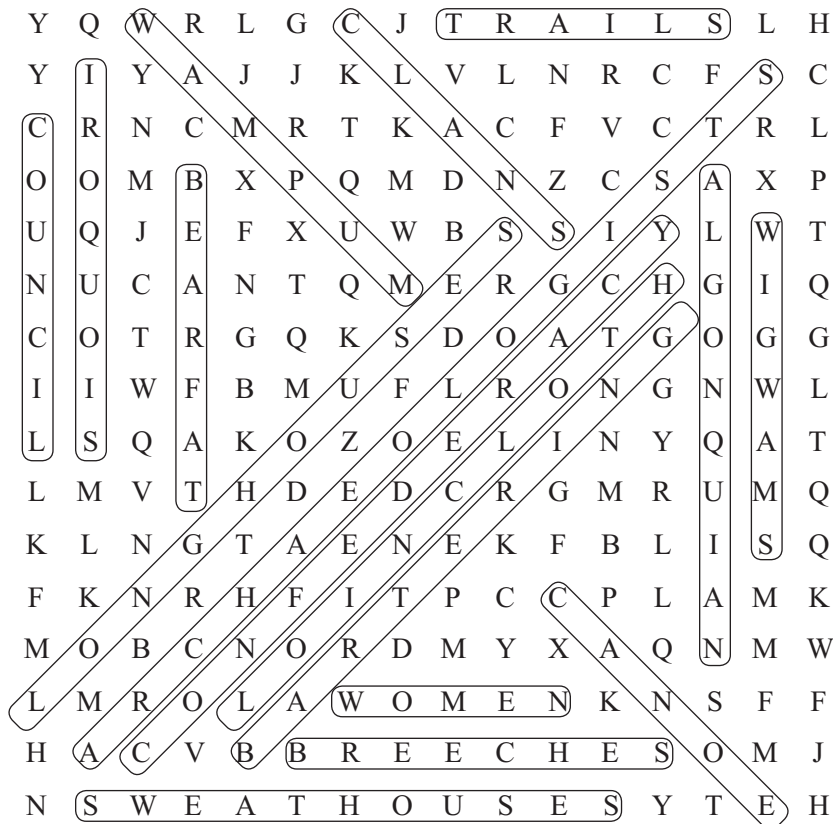
### Similarities

1. government = lived in clans; older women appointed chiefs and men council leaders
2. homes = made from trees and what nature provided
3. worshipped nature; believed in one Great Spirit
4. transportation = walking on trails; canoes
5. bartering; trading; wampum

### Differences

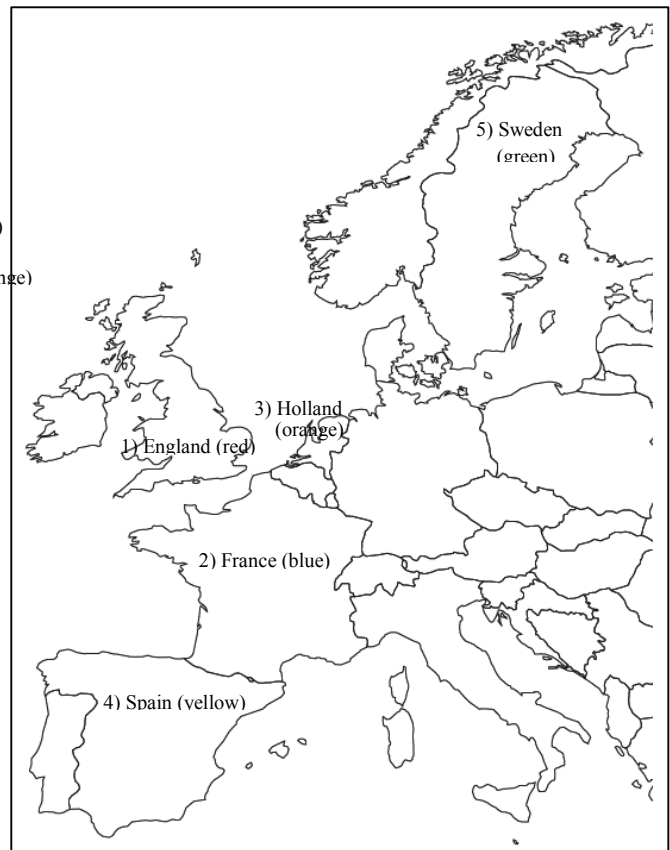
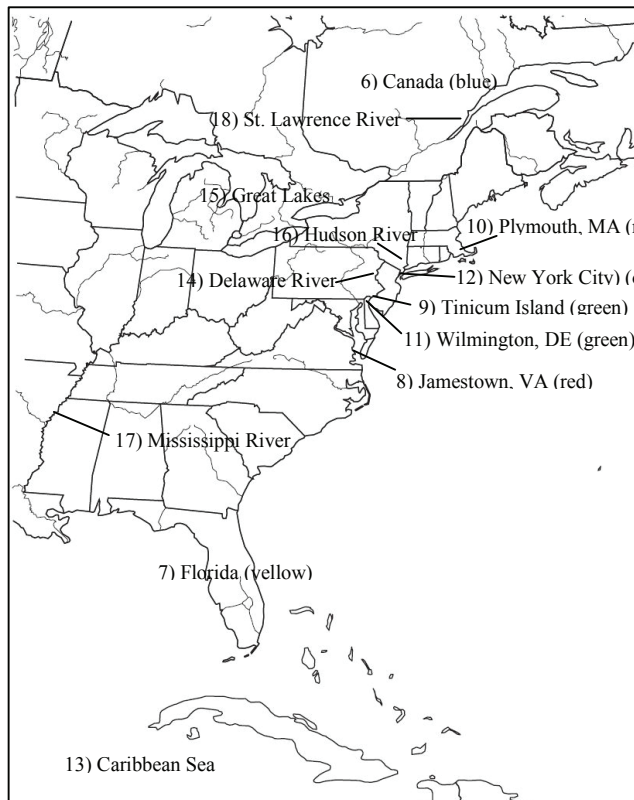
1. government	Algonquians council of men, 1 was chief	Iroquois formed confederacy with council of chiefs, had a head chief
2. homes	called wigwams in 3 different shapes; sweat houses	longhouses; wooden fences and spikes
3. religion	worshipped spirits of animals	worship spirits through dreams Master of Life
4. transportation	birch bark canoes	elm canoes
5. language	spoke Algonquian	spoke Iroquois
6. location	mainly Pennsylvania	mainly New York, Great Lakes area, small areas of Pennsylvania

## Activity 12 – Native American Tribes in Pennsylvania



Words in order
1. Algonquians
2. archaeologists
3. barter
4. bear fat
5. breeches
6. canoe
7. clans
8. confederacy
9. council
10. Iroquois
11. loincloth
12. longhouses
13. sweat houses
14. trails
15. wampum
16. wigwams
17. women

### Activity 13 - European Nations Stampede North America



### Activity 14 - Penn - Mastermind of Religious Freedom

#### Part 1

1681 – Penn’s Charter; 1st Frame of Government; Holy Experiment Begins 1682 – Delaware Deeded to Penn; Great Law  
1683 – Treaty of Friendship 1701 – Charter of Privileges

#### Part 2

- |            |       |
|------------|-------|
| 1. B, D, E | 6. D  |
| 2. D       | 7. C  |
| 3. E       | 8. A  |
| 4. F       | 9. E  |
| 5. D       | 10. D |

### Activity 15 – Religious Freedom in Pennsylvania

#### Part 1 – Matching

1. H
2. D
3. F
4. K
5. C
6. I
7. A
8. B
9. E
10. G

#### Part 2 - Matching

1. I
2. B, D, G, H, K
3. B (Amish came from Germany and Switzerland, and implied in the book)
4. J, C
5. many countries (or all countries)

## Activity 16 – Conflicts, Clashes, and Chronologies in Colonial Pennsylvania

Column A	Date
1. 8	1755
2. 4	1754
3. 7	1754
4. 12	1763
5. 11	1763
6. 14	1764
7. 10	1758
8. 13	1763
9. 1	1737
10. 2	1753
11. 9	1758
12. 5	1754
13. 3	1754
14. 6	1754

## Activity 17 – Freefalling toward the American Revolution

### The Clock of Events

This activity is a matter of writing in the events at different clock locations. For example, French and Indian War would be written in at the 12 o'clock time, Intolerable Acts at the 6 o'clock time and the 2nd Continental Congress at 11 o'clock.

## Activity 18 – Celebrities in Pennsylvania during the American Revolution

Column A	Column B	Column C
1. H	Bache	housewife
2. K	Chief	not used
3. J	Durham	not used
4. E	Franklin	diplomat
5. I	Hays	housewife
6. D	Morris	financier
7. F	Ross	seamstress
8. L	Salomon	financier
9. A	von Steuben	soldier
10. G	Washington	soldier
	Wayne	soldier
	Wetherill	businessman

### Part 3 - Sequence

3  
1  
5  
4  
2

### Part 4 - Short Answer

1. no money, no uniforms, no training,  
no flag, no supplies, no army,  
no transportation  
2. boost morale  
3. disease and infection

## Activity 19 – The Emergence of a Democratic Nation

Part 1 - Column A	Part 2 – Short Answer	Part 3 Sequencing		Part 4
		Column A	Column B	
1. E	38	5	1787	1) Bill of Rights
2. I		3	1781	2) U. S. Constitution
3. F, A		6	1791	3) Articles of Confederation
4. G		1	1776	4) U. S. Constitution
5. H		4	1787	5) Bill of Rights
6. B		2	1777	6) Articles of Confederation
7. D				

## Activity 20 – Conestoga Wagon Problem Solving

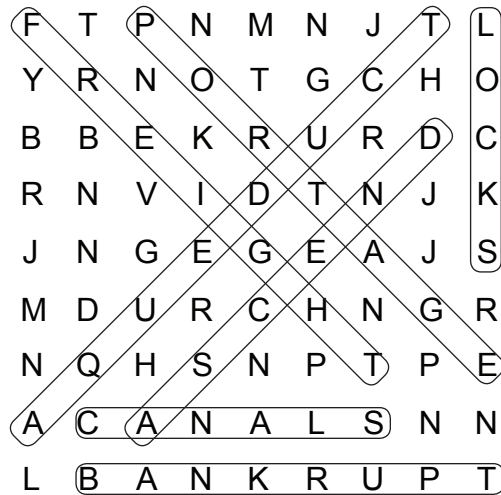
1. \$1,450	5. 20-25 days	8b. \$150
2. 10 years	6. \$1,500	9. 44 miles
3. preachers & soldiers	7. \$1.76	10. 12
4. \$4.11	8a. 5	11. Answers will vary. Most likely between 12-15 hands

## Activity 21 – Pennsylvania’s Canals

### Part 1 – Map Reading

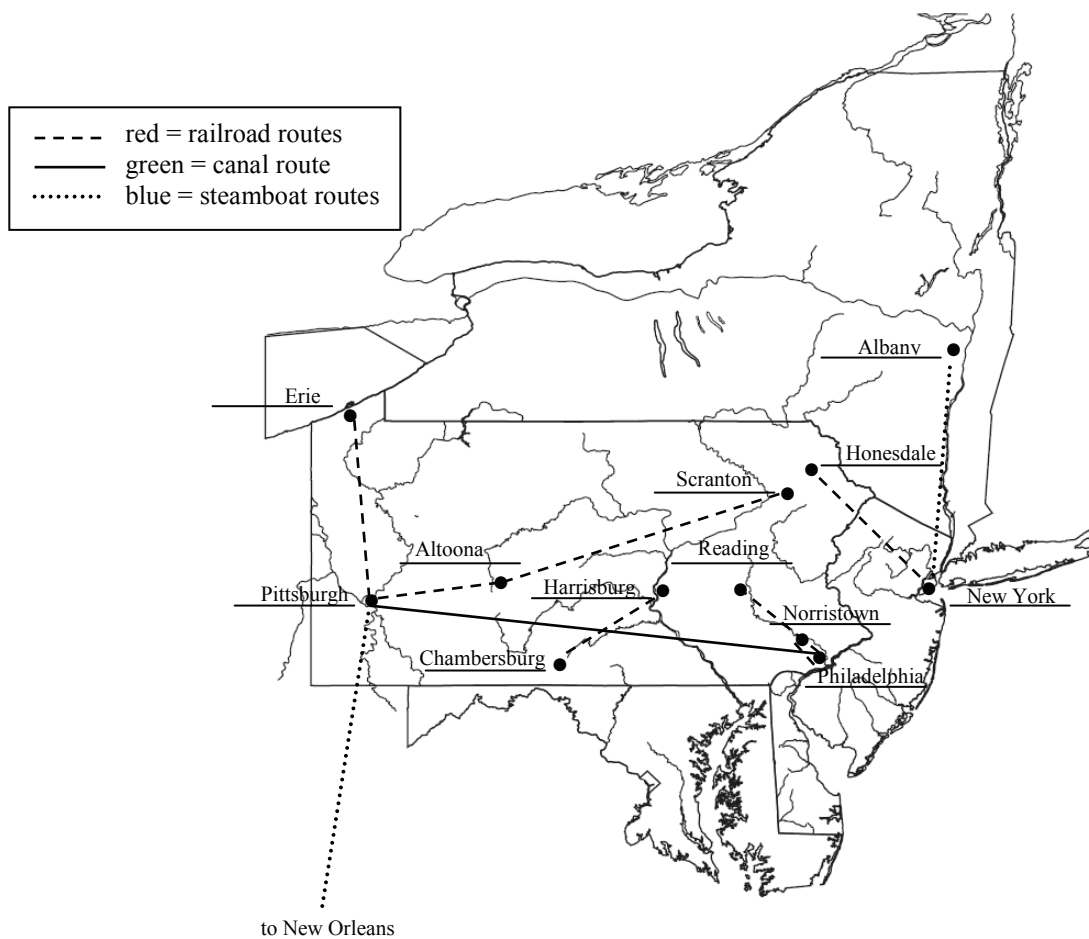
1. Allegheny Portage
2. Monongahela River
3. Schuylkill Canal
4. Delaware & Hudson Canal
5. Allegheny River
6. Lehigh Canal
7. Union Canal
8. Conestoga Canal
9. Pennsylvania & Ohio Canal

### Part 2 – Word Search



1. aqueduct
2. ascend
3. bankrupt
4. canals
5. freight
6. portage
7. locks

## Activity 22 – Let Off Some Steam



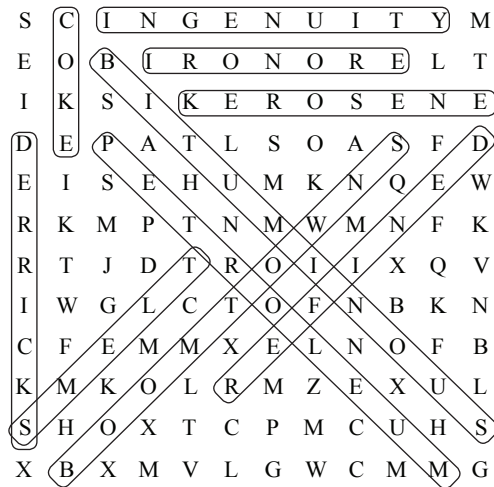


### Activity 23 - Let's Iron It Out or Broil the Oil

Erratum: There is no hidden word

#### Word Search Order

1. bituminous
2. boomtowns
3. coke
4. derricks
5. ingenuity
6. iron ore
7. kerosene
8. petroleum
9. refined
10. smelt



#### Answers to Questions

1. Samuel Kier
2. Titusville
3. Edwin Drake
4. Pittsburgh
5. Johnstown and Pittsburgh
6. railroad
7. salt
8. 69 feet
9. diarrhea, cholera, piles

### Activity 24 – Pennsylvania's Civil War

#### Part 1 - Map Reading

1. Missouri
2. Texas
3. Virginia
4. Michigan
5. Florida
6. New York
7. Delaware
8. Pennsylvania
9. Maryland
10. Ohio

#### Part 2 – Word Association Match

1. G
2. H
3. E
4. I
5. D
6. L
7. K
8. J
9. not used
10. A
11. F
12. C
13. B

### Activity 25 – I Abhor Economics

Answers will vary. There are many acceptable answers



## Activity 26 – Economics of Goods and Services: Prisecterqua

Column 1

S riding the subway ter  
G constructing this book sec  
G producing cell phones sec  
S bank teller ter  
G coal miner pri  
S transporting food ter  
S collecting tolls ter  
S engineer qua  
S pilot for airline qua  
S baggage handler ter  
S driving a taxi ter  
S grocery store cashier ter  
G making cars sec  
S delivering mail ter  
S master chef qua  
S military commander qua

Column 2

S teacher qua  
G cattle farmer pri  
G raising peaches pri  
S TV news reporter qua  
S architect designing bridge qua  
S snowplowing roads ter  
G making MP3 & iPods sec  
S electrician qua  
S building custodian ter  
G factory worker sec  
G lumbering forests pri  
G building jet planes sec  
S car salesperson ter  
S hair stylist ter  
S governor qua  
S marine biologist qua

Note: In this era, one could have a college degree and be a cattle rancher. Likewise, people responsible for putting together this book have college degrees and advanced training. I am looking chiefly at the economic sector the good or service represents.

Answers will vary regarding competitive and monopolistic markets.

## Activity 27 – Some Huge Businesses

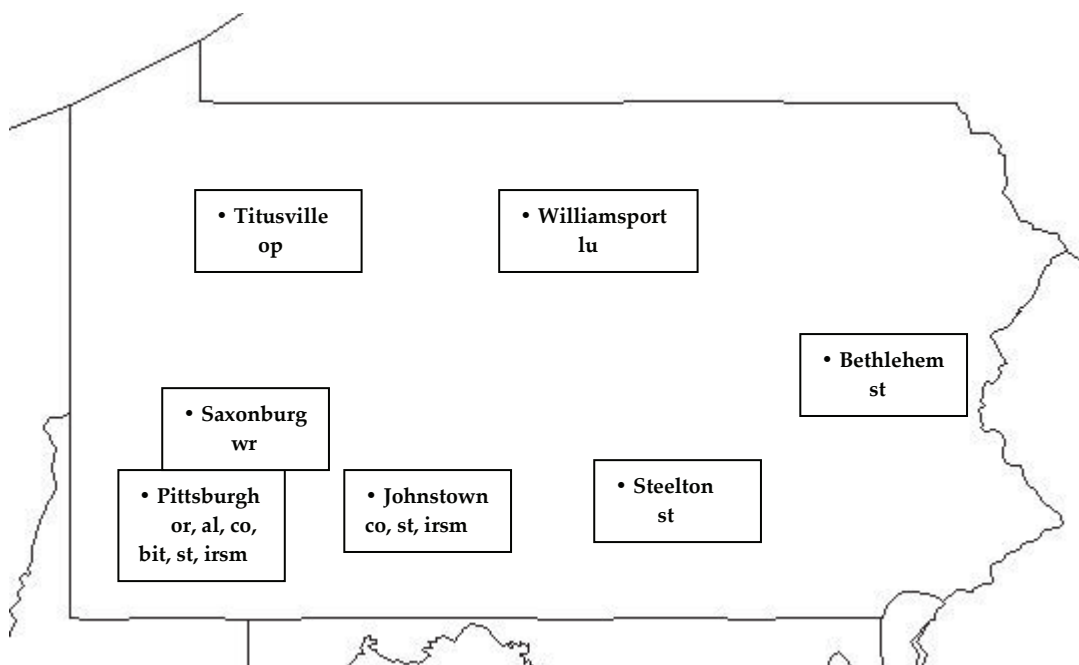
### Part 1

- |                                       |                            |
|---------------------------------------|----------------------------|
| 1. gravity                            | 9. Pennsylvania            |
| 2. canals                             | 10. Ohio                   |
| 3. railroads                          | 11. New York               |
| 4. wood, or soft coal                 | 12. limestone              |
| 5. iron ore                           | 13. sand                   |
| 6. aluminum                           | 14. natural gas/cheap fuel |
| 7. Westinghouse – mechanical engineer | 15. river system           |
| 8. Hall - chemist                     |                            |

### Part 2 – Word Association Match

1. C
2. E
3. F
4. H
5. not used
6. J
7. D, G
8. A
9. I

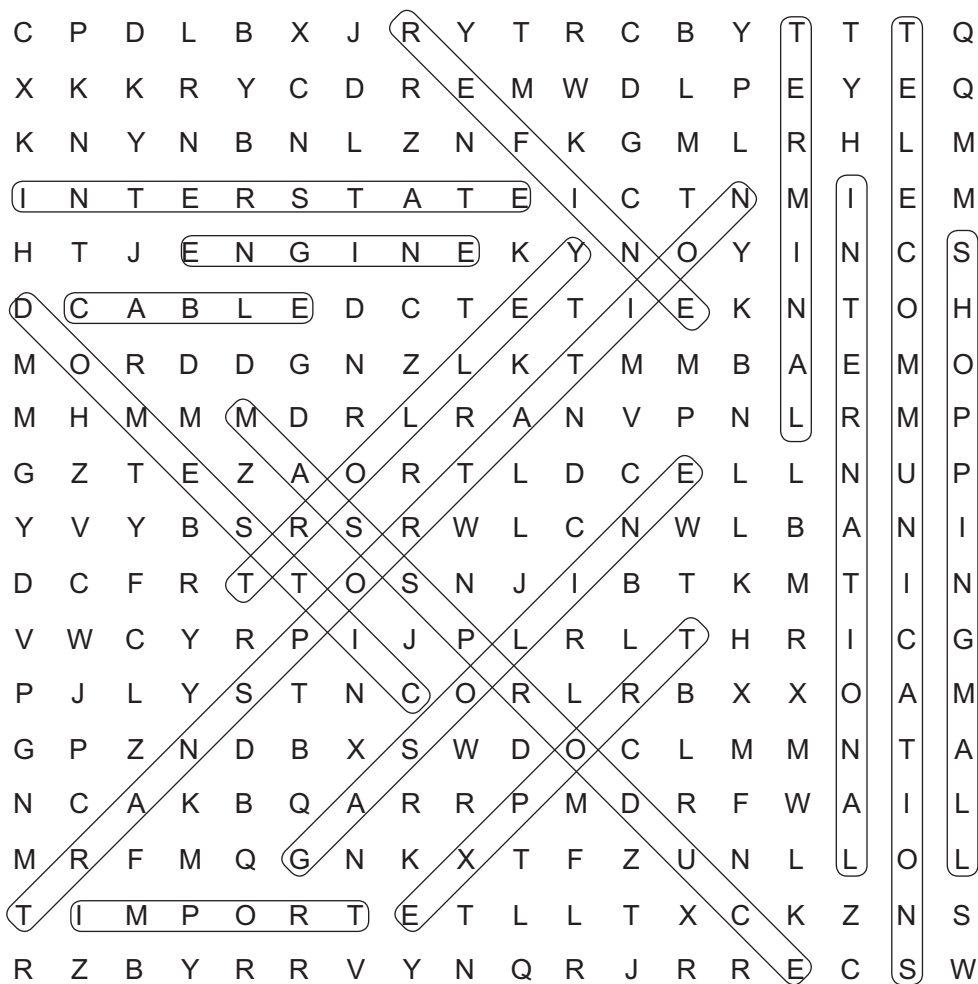
## Activity 28 – Products and Locations of Big Businesses



## Activity 29 – The Appalling Disaster at Johnstown

1. 45 mins.
2. 40 mph
3. 7.33%
4. 2/3rds
5. 17 years
6. 85 tons
7. Answer will vary
8. 1,306,800 sq. ft.
9. 43,560 sq. yds.
10. not much of a future for earthen dams; or, one needs to better maintain earthen dams

## Activity 30 – Modern Pennsylvania



### Order of Words as Per Clue

cable  
domestic  
engine  
export  
gasoline  
import  
international  
interstate  
mass produce  
refine  
shopping mall  
telecommunications  
terminal  
transportation  
trolley

### Activity 31 – 21st Century Pennsylvania

Words from unused syllables: cable; national; flight; TV

- |                     |                  |                        |
|---------------------|------------------|------------------------|
| 1. transmission     | 7. fiber optics  | 13. telecommunications |
| 2. terrorists       | 8. satellite     | 14. recession          |
| 3. stimulus package | 9. memorial      | 15. hijacked           |
| 4. investments      | 10. social media | 16. technological      |
| 5. depression       | 11. fracking     | 17. cell phone         |
| 6. global warming   | 12. skyping      | 18. networking         |

### Activity 32 – Types of Government in the World

Types of Government
theocracy = Vatican City; Iran
dictatorship = Cuba; North Korea; Libya (was)
anarchy = Somalia; Libya
absolute monarch = Saudi Arabia; Jordan
one-party state = Cuba; China; North Korea
military = Libya (was); Myanmar (was); North Korea
constitutional monarch/ = United Kingdom; Tonga; multiparty democracy = Japan; Denmark
presidential republic/ = United States; Turkey; multiparty democracy = India; Iraq; Pakistan; Brazil
dependent territory = Anguilla; Puerto Rico; Greenland

### Activity 33 – Branches of the Government

- |        |         |
|--------|---------|
| 1. Leg | 6. Jud  |
| 2. Exe | 7. Exe  |
| 3. Exe | 8. Jud  |
| 4. Leg | 9. Jud  |
| 5. Leg | 10. Exe |

### Activity 34 – Our State Government

- |                         |                          |                        |
|-------------------------|--------------------------|------------------------|
| 1. preamble             | 7. Supreme Court         | 13. Superior Court     |
| 2. President Protempore | 8. Lieutenant Governor   | 14. revenue            |
| 3. Governor             | 9. Court of Common Pleas | 15. district justices  |
| 4. Auditor General      | 10. checks and balances  | 16. Commonwealth Court |
| 5. Speaker of the House | 11. Attorney General     | 17. 26/102             |
| 6. chambers             | 12. General Assembly     | 18. 34/136             |

### Activity 35 – Vocabulary of County and Local Government

Words from the 8 remaining syllables: recreation, facilities

- |             |                   |                   |
|-------------|-------------------|-------------------|
| 1. mayor    | 6. charter        | 11. supervisors   |
| 2. township | 7. council        | 12. government    |
| 3. cities   | 8. municipalities | 13. boroughs      |
| 4. citizens | 9. manager        | 14. commissioners |
| 5. budget   | 10. ordinances    | 15. county seat   |