### Economic Activity

<table>
<thead>
<tr>
<th>Primary</th>
<th>Secondary</th>
<th>Tertiary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definition:</td>
<td>Definition:</td>
<td>Definition:</td>
</tr>
<tr>
<td>Examples:</td>
<td>Examples:</td>
<td>Subtype 1 – Tertiary</td>
</tr>
<tr>
<td>Collar:</td>
<td>Collar:</td>
<td>Definition:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Examples:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Collar:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Subtype 2 – Quaternary</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Definition:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Examples:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Collar:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Subtype 3 – Quinary</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Definition:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Examples:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Collar:</td>
</tr>
</tbody>
</table>

Which could be basic? Which nonbasic? Which could be BOTH basic and nonbasic jobs? Which would happen in the CBD?
Evaluate whether the following types of economic activity are Primary, Secondary, Tertiary, Quaternary, or Quinary. Write “1” for primary, “2” for secondary, etc.

1. Automobile manufacturing
2. Chief Executive Officer (President) of Hewlett Packard
3. Mining Quartz
4. Production of garments (clothing)
5. Whaling
6. A sales clerk at GameStop
7. An accountant
8. Logging
9. A furniture Maker
10. A seller of furniture
11. an organic dairy farm producing milk from grass-fed cows
12. A butcher
13. a teacher
14. Theresa May, Prime Minister of the United Kingdom
15. Amazon.com
16. A graduate student researching the social influence of advertising on young people
17. Whole Foods
18. Justin Bieber
19. Goat herding
20. An attorney working for the American Civil Liberties Union
21. An oil refinery that converts crude oil into gasoline
22. Mr. Wright
23. A video game tester
24. a professor of theoretical physics
25. Penguin Hunter

Synthesize: Now it’s your turn! Write down ten economic activities that are primary, secondary, tertiary, quaternary, or quinary. Raise your hand when you are finished and trade with the next finished person with their hand up.

1. 2. 3. 4.
5. 6. 7. 8.
9. 10.
History of Early Agriculture

- Agrarian
- Irrigation
- BC and AD
- BCE and CE
- Neolithic
- Revolution
- Domesticated
- Civilization
- Columbian Exchange
Subsistence and Commercial Agriculture

- Subsistence agriculture is

- What is soil exhaustion?

- Two types:
  - Extensive has
  - Intensive has

SPECTRUM – Extensive and Intensive. Label Ranching, Wheat, Rice

- If a family needs 1,000,000 calories per year to survive, how much land do they need for extensive and intensive?

- How to remember?

- What climates exist on earth? Which are likely to have extensive? Intensive?
  - Tropical Rainforest
  - Desert
  - Grassland
  - Temperate
  - Arctic

- Extensive agriculture takes place in climates where

- Likely climates:

- Types of extensive agriculture:

- The Boserup Hypothesis

- Intensive agriculture has a high calorie yield per acre.

- Usually found in what climates?

- Classic example:

- What determines what type of crops a community will grow, and whether they will choose intensive or extensive agriculture?
Commercial Agriculture can be extensive or intensive, and also industrialized or not industrialized. BUT, commercial tends to be industrialized.

What is the Goal of Commercial Agriculture, and why is that uniquely threatened by the nature of agriculture?

How can we minimize risk to profits? Two ways:

Remember how Commercial agriculture is “One element in a complex structure including mining, processes and manufacturing food, food service, retail sales of food, management of agribusiness, engineering Includes primary-quinary”? In the video of Mcdonalds, list all the activities you see:

<table>
<thead>
<tr>
<th>Primary</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary</td>
<td></td>
</tr>
<tr>
<td>Tertiary</td>
<td></td>
</tr>
<tr>
<td>Quaternary</td>
<td></td>
</tr>
<tr>
<td>Quinary</td>
<td></td>
</tr>
</tbody>
</table>
What are the costs of contract farming?

<table>
<thead>
<tr>
<th>Economic Costs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Costs</td>
<td></td>
</tr>
</tbody>
</table>

1. In the Von Thunen model, the variable that causes rents to increase or decrease is ____________________________.

In the following model, label : (put the numbers in the appropriate place)

2. The market
3. Intensive Agriculture
4. Cattle raising
5. The most expensive crops
6. Extensive Agriculture
7. Corn
8. Fruit
9. The least expensive crops
10. Wheat
11. Market gardening
12. The Central Business District
13. The lowest transportation cost
14. The most perishable goods
15. The lowest land rent
Current Events in Agriculture

<table>
<thead>
<tr>
<th>Time Period</th>
<th>1st Agricultural Revolution</th>
<th>2nd Agricultural Revolution</th>
<th>3rd Agricultural Revolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Improvements</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effect on Labor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Effects</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Current Events in Agriculture

What is a food desert, and what would be the effect of a food desert on human health?

Pesticides and Fertilizers

Why do environmentalists dislike pesticides and fertilizers? What is the benefit of buying organic food?

Nicholas Kristof Article: Summarize the effects of pesticides on human health.

What are GMO’s?

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Drawbacks</th>
</tr>
</thead>
</table>
What is a monoculture, and what are the dangers of a monoculture?

Special Crops

Mediterranean

Plantation Crops

Ethanol Production

Drugs – write locations of production

- Opium
- Marijuana
- Cocaine

- What patterns have you noticed in the production/consumption of drugs?

- What effect does drug production have on governmental legitimacy in developing countries?

What is the problem with having a high percentage of GDP attached to the exports of commodities, such as oranges, bananas, or oil?