

Predicting von Thünen's Model:

1820s model. Assumptions:

1. A market town is in an isolated plain – flat, no rivers, mountains, etc. (called an isometric surface)
2. The town is centrally located
3. Town is surrounded by wilderness
4. Soil quality & climate consistent
5. All farmers transport own goods to market (w/ oxen & no roads)
6. All farmers act to maximize profits.

✎ Why do these assumptions matter?

Factors:

Please define the factors.

1. Intensive agriculture:
2. Extensive agriculture:
3. Perishable agriculture:
4. Bid-rent theory: land is more expensive the closer it is to the center of a city.

✎ Why / how do these factors make a difference?

1820s and current zones:

Zones are in a random order.

1820s Zones:

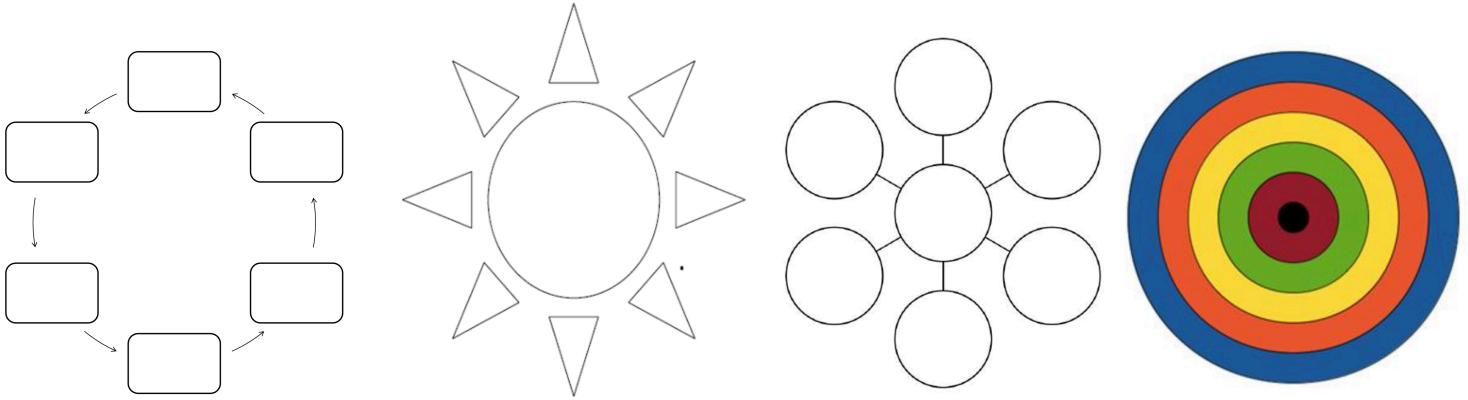
- | | | |
|--------------------|-------------------------------------|-----------------------------|
| - Intensive arable | - Market, market gardens & feedlots | - Timber |
| - Ranching | - intensive / extensive arable | - Dairying and horticulture |

Current Zones:

- | | | |
|-----------------|---------------------------|---------------------------|
| - Grain Farming | - Market & market gardens | - Livestock fattening |
| - Ranching | - Non-agriculture | - Dairying & horticulture |

✎ What are the different zones about? Connect the factors to the zones please.

✎ Which model is best? Please explain why. Also, please explain why the others will not work.



✎ Now, please write where the zones would fit in the model (you may label 1–6). Please explain your reasoning.

