

Day 44 March 1/2 Take out a sheet of paper

**Quiz 8:** Using your books and looking at the chapter titles and section headings, write a three-sentence summary of chapters:

\_\_\_\_\_ & \_\_\_\_\_

After the quiz, read p. 42-43.

We will answer Constructed Response Question F. ("How is the modern farm like a factory?")

**Remember: March 11/12 - New IR book**

F. p.42-43 Let's *brainstorm* an answer.

**The modern farm is like a factory in three ways.**

\* turns raw materials into finished products

- fertilizer & seeds --- crops
- plastic ---- toys

\* produces one product

- monoculture -- corn
- Iphone factory ---- only Iphones

\* depends on fossil fuels

- fertilizer, pesticides, tractors
- run machines, assembly lines

*Now, turn this into a paragraph.*

F. The modern farm is like a factory in three ways. First, the farm turns raw materials into finished products. Every year, the farmer must purchase raw materials (seeds and fertilizer) and turn these into crops just like a factory might purchase plastic and turn it into toys. Second, the farm produces one product (sometimes two). In this monoculture, farms grow one crop – corn (maybe soybeans) just like an iPhone factory produces only iPhones. Third, farms now require great amounts of fossil fuels in the fertilizers and the pesticides and to run the farm machines. Factories also use fossil fuels to power the machines and assembly lines. The term “industrial farm” accurately describes the similarities between modern farms and factories.

**15 Written questions**

Review the Key Terms for a quiz on day 45.

1. manufacturing in factories

\_\_\_\_\_

2. an article of commerce; a mass-produced product

\_\_\_\_\_

3. a for-profit organization dealing in the growing, manufacture, and marketing of food

\_\_\_\_\_

4. a system for growing, making, and delivering food

\_\_\_\_\_

5. the relation between living things and their environment

\_\_\_\_\_

6. the amount that is produced or grown

\_\_\_\_\_

7. something artificial or manufactured

\_\_\_\_\_

8. expenses that a product will eventually cause and that are not included in the price of the product

\_\_\_\_\_

9. a life form whose DNA has been manipulated or artificially altered

\_\_\_\_\_

10. one that eats both plants and animals

\_\_\_\_\_

11. a difficult question or choice

\_\_\_\_\_

12. units of heat energy

\_\_\_\_\_

13. a place where livestock are fattened before slaughter

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14. an offspring of two different varieties

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15. land used for grazing

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***HW:*** Review the key terms up to polyphenols.  
Quiz on Day 45. Read up to & incl. Ch 19.