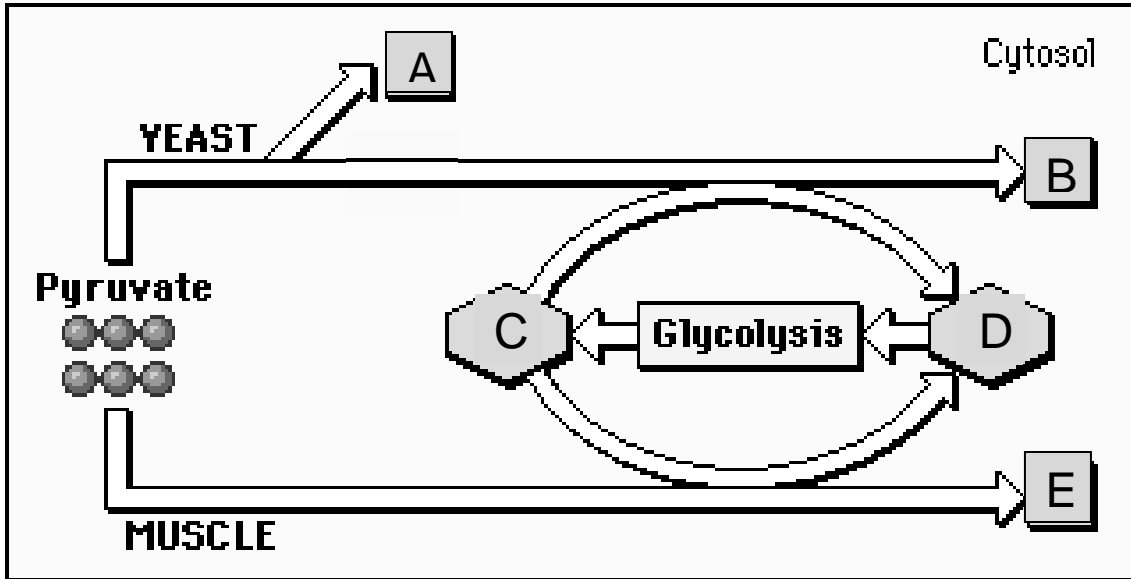


1) Identify the important molecules involved in cellular respiration:

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____



2) Identify the reactants and products involved in lactic acid and alcohol fermentation.

A. _____

B. _____

C. _____

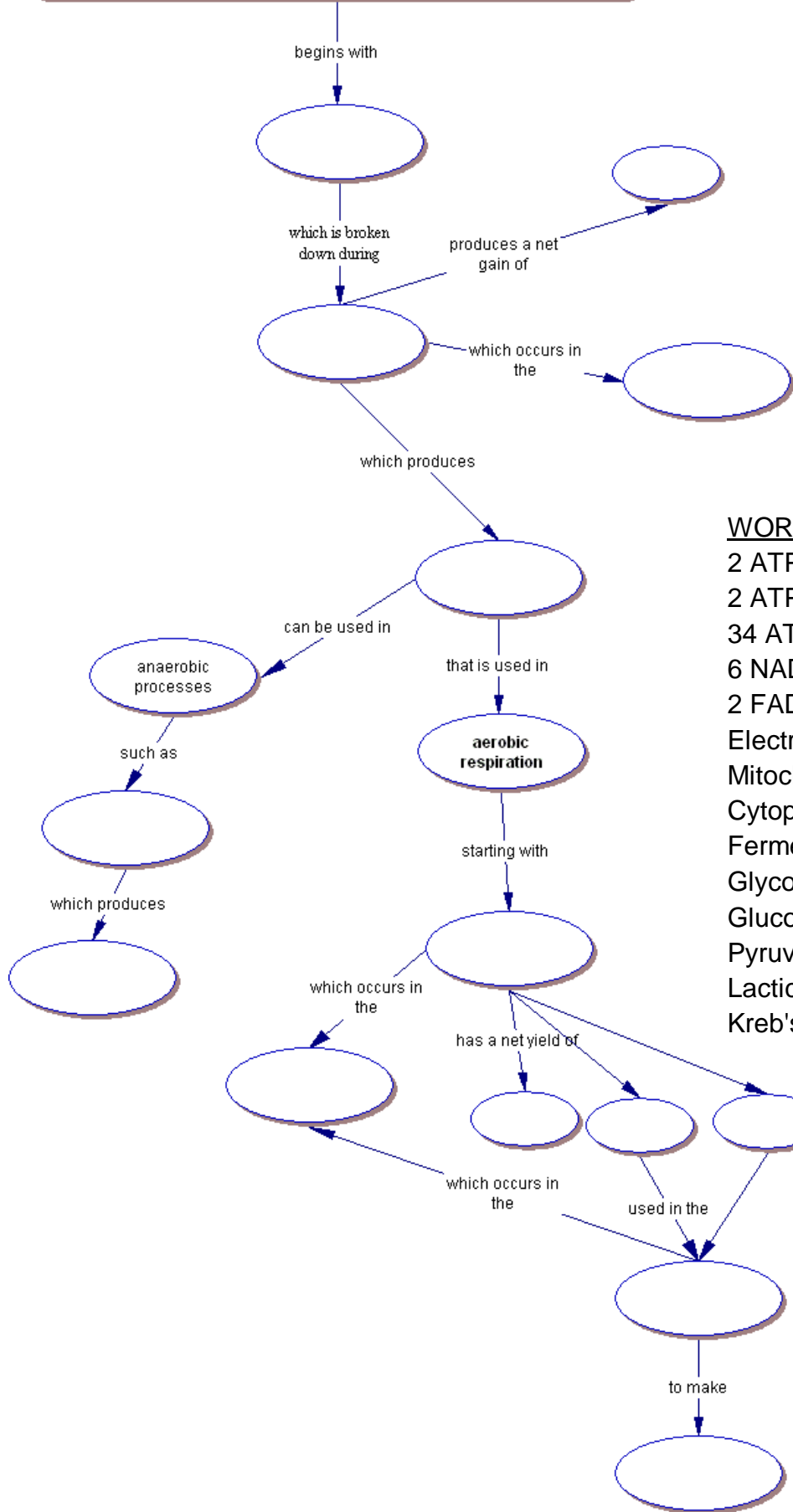
D. _____

E. _____

3) Compare **and** contrast the equation for aerobic respiration with the equation for photosynthesis. (Give similarities and differences between the two equations).

4) Using the words from the word bank, fill in the flow chart on the following page summarizing the major steps of cellular respiration. (Use each word only once)

Cellular Respiration



WORD BANK

- 2 ATP
- 2 ATP
- 34 ATP
- 6 NADH
- 2 FADH₂
- Electron transport chain
- Mitochondrion
- Cytoplasm
- Fermentation
- Glycolysis
- Glucose
- Pyruvate
- Lactic acid
- Kreb's Cycle