



5. (6 pts) Explain the effect of the illustrated process upon climate patterns.
6. (4 pts) Pick a major world event shown, describe it, and explain its impact on oil prices.
7. (4 pts) Which of the OPEC countries shown in yellow are not Arab? What are two other Middle Eastern or Asian producers of significant amounts of oil?
8. (8 pts) What is the greenhouse effect? Sketch and label it.

9. (6 pts) What is the recent history of oil prices (last year or so.) Give two reasons explaining these changes in oil prices.

10. (8 pts) What are the main processes in soil formation? Sketch and label a type soil profile in a humid climate.

11. (8 pts) Sketch the hydrologic cycle, labelling each part and indicating with arrows the direction of water movement.

12. (8 pts) Sketch a confined aquifer, such as the Bighorn Basin, labelling the recharge and discharge areas and direction of flow.

13. (8 pts) Sketch an unconfined aquifer, such as at my home in Walnut Cove, NC, labelling the recharge and discharge areas and direction of flow.

14. (6 pts) Sketch and label the process by which a rainshadow desert forms.