

**Unit 9 - Homework: Anaxagoras**

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In order to answer the following questions, read pages 13—25 in Unit 9.

1. According to Melissus of Samos, everything that exists always *has* existed, and everything that exists always *will* exist. Yet, did Anaxagoras of Clazomenae agree?
2. According to Melissus of Samos, nothing whatsoever can change in any way at all. Yet, did Anaxagoras of Clazomenae agree?
3. According to Anaxagoras, why is there hair in skin?
4. According to Anaxagoras, why is there skin in food?
5. According to Anaxagoras, what does the word “bigger” (or “larger”) mean?
6. According to Anaxagoras, is everything large (or big) also something small? Why or why not? Explain.
7. According to Anaxagoras, what does the word “smaller” mean?

8. According to Anaxagoras, is everything small also something large (or small)? Why or why not? Explain.
9. According to Anaxagoras, what does the word “shorter” mean?
10. According to Anaxagoras, is everything short also something long? Why or why not? Explain.
11. According to Anaxagoras, what does the word “longer” mean?
12. According to Anaxagoras, is everything long also something short? Why or why not? Explain.
13. According to Anaxagoras, what does the word “hotter” mean?
14. According to Anaxagoras, is everything hot also something cold? Why or why not? Explain.
15. According to Anaxagoras, what does the word “colder” mean?
16. According to Anaxagoras, is everything cold also something hot? Why or why not? Explain.

17. According to Anaxagoras, most people only ever describe fire as *hot* (rather than *cold*), but why?
18. According to Anaxagoras, if something seems as if it's beginning to exist, then what is actually happening?
19. According to Anaxagoras, if something seems as if it's ceasing to exist, what is actually happening?
20. According to Anaxagoras, how is it possible for something to change?
21. According to Anaxagoras, what causes things to change?
22. According to Anaxagoras, how did life begin on planet earth?
23. According to Anaxagoras, do extraterrestrial aliens exist? Why or why not? Explain.
24. According to Anaxagoras, why does the Nile River annually flood its riverbanks?
25. What did Anaxagoras teach Pericles?