

Unit 9 - Classwork: Philolaus

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In order to answer the following questions, read pages 25—37 in Unit 9.

1. According to the Pythagoreans, which numbers are the *unlimited* numbers?
2. According to the Pythagoreans, which numbers are the *limiting* numbers?
3. According to Philolaus, what is at the center of the universe?
4. According to Philolaus, the center of the universe is surrounded by ten orbits of heavenly bodies? Yet, why did he think that there are specifically *ten* orbits?
5. According to Philolaus, does the sun orbit planet earth?
6. According to Philolaus, does planet earth orbit the sun?
7. According to Philolaus, does the moon orbit planet earth?
8. According to Philolaus, does planet earth orbit the moon?
9. According to most Pythagoreans, what is the *arkhe* (ἀρχή)?
10. According to Philolaus, what are the *arkhai* (ἀρχαί)?