Name _____ Date _____ Period _____

Early Astronomers

Part 1 – Seeing Is Not Always Believing

Answer the following questions about the **first** image the teacher shows you.

1. How many feet do you see on the elephant?

2. Why do you THINK other students had a different idea than you (give a hypothesis or guess)

Answer the following questions about the **second** image the teacher shows you.

3. What is the very first thing you saw in this picture?

4. Did everyone in the class see the exact same object as you at first?

5. Were the students who "saw" something different have the wrong answer? Explain why (use evidence to support the answer)

Part 2 – Same Data, Same Conclusion?

Listen to the instructions to create an amazing diagram in the box below.

6. Did anyone at your table draw the exact same picture as you?

7. What do the poem from the beginning of class the 2 images and the amazing picture you created have in common? Provide evidence to support you answer

Part 3 – What Were They Thinking?

Use the amazing book of knowledge (red textbook) **pages 484 – 488** to discover the beliefs, discoveries, and evidence the early astronomers used to explain how the universe works.

Early Astronomer	What was the belief, evidence, or discovery?
Claudius Ptolemy	
Nicolas Copernicus	
Tycho Brahe	
Johannes Kepler	
Galileo Galilei	
Isaac Newton	
William Herschel	
Edwin Hubble	