

Contributing Astronomers Notes

Directions:

Copy each astronomer's contributions. Study them for the Contributing Astronomers Test

Aristotle	Professional: <ul style="list-style-type: none">• Discovered that the Earth was a sphere and thought that the Earth was the center of the universe.
Eratosthenes	Professional: <ul style="list-style-type: none">• Accurately measured the circumference of the Earth
Ptolemy	Professional: <ul style="list-style-type: none">• Taught the Geocentric model of the solar system (Earth-centered)
Nicolaus Copernicus	Professional: <ul style="list-style-type: none">• First to propose the Heliocentric model of the solar system (Sun-centered)
Tycho Brahe	Professional: <ul style="list-style-type: none">• Charted stars and planets with great accuracy
Galileo Galilei	Professional: <ul style="list-style-type: none">• Spent the last years of his life for teaching the Heliocentric model of the solar system
Johannes Kepler	Professional: <ul style="list-style-type: none">• The shape of the orbit of the planets is an ellipse
Isaac Newton	Professional: <ul style="list-style-type: none">• An object (planet) travels in a straight line unless acted upon by an outside force (gravity)
Caroline Herschel	Professional: <ul style="list-style-type: none">• First female astronomer to discover a comet

Maria Mitchell	Professional: <ul style="list-style-type: none"> • First female American astronomer, and first American to discover a comet
Henrietta Swan Leavitt	Professional: <ul style="list-style-type: none"> • Cepheid variable stars help determine the distance of a star from the Earth
Albert Einstein	Professional: <ul style="list-style-type: none"> • Light bends when effected by gravity •
Edwin Hubble	Professional: <ul style="list-style-type: none"> • Galaxies are all moving away from Earth, the Big Bang
Dorothy Johnson Vaughan	Professional: <ul style="list-style-type: none"> • First African-American women Supervisor of NASA's West Area Computers that calculated flight trajectories for the space program.
Clair Cameron Patterson	Professional: <ul style="list-style-type: none"> • Calculated the age of the Earth as 4.6 Billion years old using radiometric dating of Uranium.
Vera Rubin	Professional: <ul style="list-style-type: none"> • Stars at the edges of galaxies move faster than they should
Carl Sagan	Professional: <ul style="list-style-type: none"> • Discovered that the runaway greenhouse effect explains Venus's high temperature
Stephen Hawking	Professional: <ul style="list-style-type: none"> • Black holes emit radiation and will evaporate and disappear
Neil deGrasse Tyson	Professional: <ul style="list-style-type: none"> • Science communicator on TV show Cosmos
Sally Ride	Professional: <ul style="list-style-type: none"> • First American female astronaut