### Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_

### Section:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Score:\_\_\_\_\_\_\_\_\_\_

### Multiple Choices

1. Photo of Henrietta \_\_\_\_\_\_\_\_\_\_\_ provided by the American Association of Variable Star Observers (AAVSO).

a.)Henrietta leavitt

b.) Leavitt

c.) Rutherford

1. \_\_\_\_\_\_\_\_\_\_\_ asks questions about the natural world Science studies the natural world.

a.)Science

b.) Photo of spiral galaxy

c.) california academy of sciences

1. Cococino National Forest photo by Gerald and Buff Corsi © California Academy of \_\_\_\_\_\_\_\_\_\_\_ s; Jupiter photo by NASA/JPL/ Space Science Institute; photo of smoggy skyline by EPA; fungus photo by Dr. Robert Thomas and Dorothy B. Orr © California Academy of Sciences.

a.)Cococino national forest

b.) Science

c.) The hubble heritage team

1. ,Cococino National Forest photo by Gerald and Buff Corsi © California Academy of Sciences; Jupiter photo by \_\_\_\_\_\_\_\_\_\_\_ /JPL/ Space Science Institute; photo of smoggy skyline by EPA; fungus photo by Dr. Robert Thomas and Dorothy B. Orr © California Academy of Sciences.

a.) california academy of sciences

b.) The american association of variable star observers

c.) Science

1. ,Cococino National Forest photo by Gerald and Buff Corsi © \_\_\_\_\_\_\_\_\_\_\_ ; Jupiter photo by NASA/JPL/ Space Science Institute; photo of smoggy skyline by EPA; fungus photo by Dr. Robert Thomas and Dorothy B. Orr © California Academy of Sciences.

a.) california academy of sciences

b.) The american association of variable star observers

c.) Science

1. ,A discovery may itself be the result of many years of work on a particu- lar problem, as illustrated by Henrietta Leavitt’s stellar discovery … Photo of Spiral Galaxy M81 provided by NASA, ESA, and \_\_\_\_\_\_\_\_\_\_\_ (STScI/AURA); photo of water provided by Andrew Davidhazy.

a.) california academy of sciences

b.) The american association of variable star observers

c.) Science

1. ,3 STELLAR SURPRISES Astronomers had long known about the existence of variable stars—stars whose brightness changes over time, slowly shifting between brilliant and dim—when, in 1912, Henrietta \_\_\_\_\_\_\_\_\_\_\_ announced a remarkable (and totally unanticipated) discovery about them.

a.)Aavso

b.) Dorothy b. orr

c.) Henrietta leavitt