



## Hubble Academy Log (HAL) Level 3: *Estimating Distances to Objects in Space*

### **I. Estimate distances to six labeled objects**

1. Explain why you arranged the objects as you did. Be sure to mention any particular trait upon which you based your decision.

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### **II. Distance: The reality check**

1. Explain how the object labeled “F” can be smaller, yet closer, than the object labeled “C.”

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### **III. Comparing results**

1. How is your explanation regarding estimating distances in space similar to the astronomers’ explanation?

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2. How is your explanation regarding estimating distances in space different from the astronomers’ explanation?

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