

The Properties of Stars—Final Thoughts**E1:A5**

To conclude this Exploration, you will revisit your claims about the properties of stars.

Final Thoughts—Revisiting Your Claims

1. The image in Figure 1-1 shows many stars. Ask your teacher to project a color image of this figure for you to observe.

Of the stars in this image, which do you think are:

- hottest?
- coldest?
- biggest in diameter?
- smallest in diameter?
- brightest?
- least bright?

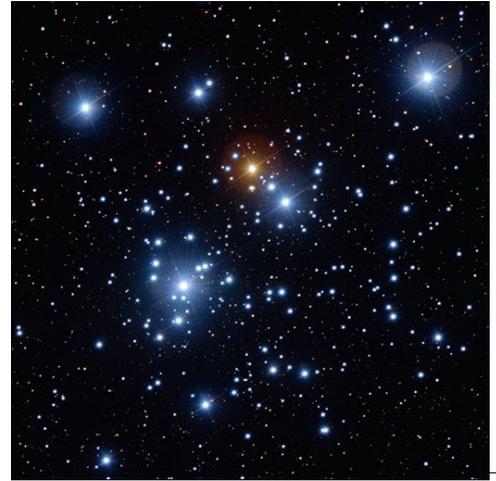


Figure 1-1: Image of a cluster of stars called the Jewel Box or NGC 4755. It is a large assemblage of stars about 7500 light-years from Earth.

2. What information did you use to determine these properties of the stars?
3. Do you have enough information to determine all of these properties? If not, what other information would you need?
4. How have your claims changed since the First Thoughts?
5. What evidence did you gather that made you revise your claims?