Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Lab Night \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **REPORT FORM FOR PHOTOMETRY OF PLEIADES (7/31/15)**

1. Answer to question in step 3: \_\_\_\_\_\_\_\_\_\_\_\_\_

2. Put data in attached table from steps 6-8.

3. Plot HR Diagram from step 9. Answer to step 9 question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Step 10 temperature calculations

 Star # Temperature

 1

 2

 3

 4

 5

5. Answer to step 10 question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Step 11 distance calculations

 Star m M log D D

 Alcyone 2.86 -2.4

 Elektra 3.72 -1.56

 Maia 3.87 -1.34

 Merope 4.14 -1.07

7. Step 11 average distance: \_\_\_\_\_\_\_\_\_\_

 Answer to step 11 question: \_\_\_\_\_\_\_\_\_\_\_