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: \_\_\_\_\_\_\_\_\_\_\_