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

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# C8 Outdoors (Rev 6/30/14)

**Telescope Setup: Check off steps as completed**

1. Put telescope together (8 pts). \_\_\_\_\_\_\_
2. Point to North and turn on motor (5 pts). \_\_\_\_\_\_\_
3. Center object in finder & main scope. See alignment below (8pts). \_\_\_\_\_\_\_
4. Refocus telescope on object in sky (4pts) before doing drawings. \_\_\_\_\_\_\_
5. Which telescope are you using (A,B,etc)? (3pts) \_\_\_\_\_\_\_\_

Alignment

The finder scopes get out of alignment with the main scope. Follow this procedure to adjust. Look at a light on the campus. Point your scope so you can see the light in the main telescope. Adjust controls so it is in the center and focused. Look in the finder scope. If the light is not in the center loosen the screws and move the finder scope around until the light is in the center. **Tighten screws**. Check that light is still in center of main scope. If not repeat process.

Find and Draw (24 pts each drawing)

Find and draw 3 of the objects marked on the charts as seen in the telescope. The circles represent the part of sky seen through scope (field of view). Two points off for any blank wrong or not filled in. **For Fall 2014 draw Saturn & Mars if they are visible and stars as needed to have 3 drawings.**