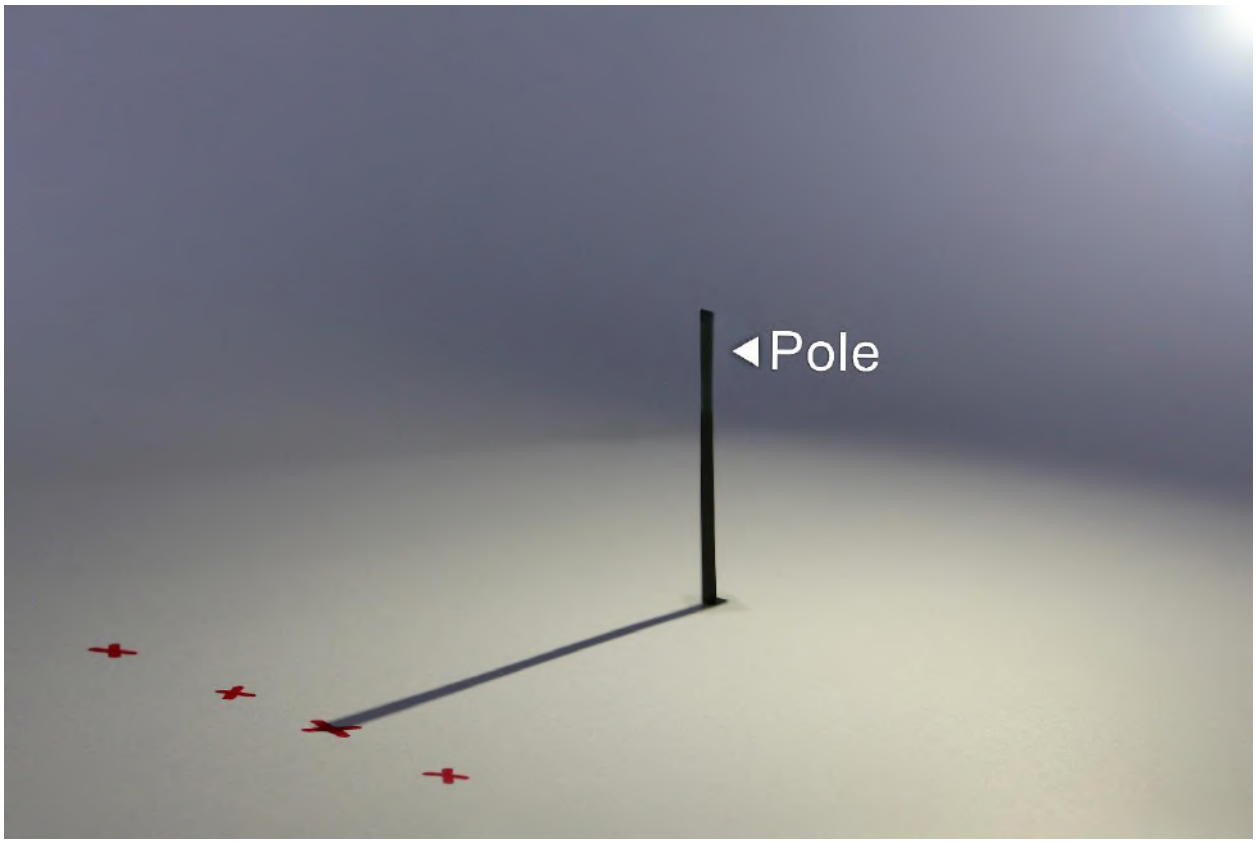
Instructions

1. Do not open the exam envelop yourself.
2. This part of the exam consists of 7* problems located in separate exam stations.
3. You have 5 minutes to complete each problem.
4. After "out of time" is signaled, stop all actions and remain at the same station.
5. After "next station" is signaled, proceed to the next exam station and hand the exam envelope to the station's proctor.
6. Use only blue pen to mark into the answer sheets provided. Any answers written in the answer sheet at the end of timer is considered final and will be graded towards the final score.

* Number of problems will be reduced to 5 if night observation was successful

P5: Find True North from Moon shadow

Instruction: Draw an arrow pointing North in the data sheet



Included:

- Simulated position of moon shadows of a pole at certain intervals in the span of a day.
- The observer is located in the Southern hemisphere at latitude 27°S.
- The moon's declination that night is +15°
- Ruler, Compass (drawing tool), Geometry kit

Observational Examination (Night)

Data sheet

