

SCORE
(5 pts max)

ASTRONOMY 2
THIRD HOUR SESSION "C"
ACTIVITY: Introduction to the
Constellation Charts

NAME

DATE **ID#**

1. What direction should you face while using the SC-001 star map to identify stars in the night sky?

2. Which direction should you rotate the SC-002 star map in order to keep up with the natural progression of stars around the north celestial pole (clockwise or counterclockwise)?

3. Find and "highlight" stars on your SC-001 and SC-002 star maps which are listed on the "21 Stars to Know" sheet. How many of these stars are found the SC-001 map but not on the SC-002 map?

4. How many of the "highlighted" stars are in the north circumpolar region (NCR) for a Rocklin observer?

5. Name three constellations on the Celestial Equator.

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6. For a Rocklin observer, objects with declinations greater than ? degrees north will never set, and objects with declinations greater than ? degrees south will never rise.

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7. _____ is found in what constellation and is part of what well-known asterism?

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8. What _____ (see legend at upper left or bottom right of the SC001 chart) is located at RA = _____; DEC = _____?

9. Using the SC002, is the star _____ circumpolar for Rocklin?

10. At 8:00 PM on _____, name _____ very bright star(s) that are almost directly on the meridian.