Record your answers for Part B–2 and Part C in this booklet.
52 ___________ in of Hg

53 ____________________________

54 ____________

55 ___________ °C

56 ________________________________

57 ________________________________

58 ________________________________

59 Circle one: warm cool

   Ocean current: ________________________________

60 ________________________________

61 ___________ ft/yr

62 ________________________________
Altitude of the Sun and Shadow Length

<table>
<thead>
<tr>
<th>Time of Day</th>
<th>Altitude of Sun (°)</th>
<th>Shadow Length (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 a.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>10 a.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>11 a.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>12 p.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1 p.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>2 p.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>3 p.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>4 p.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>5 p.m.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>6 p.m.</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Shadow length

64

65

m
Part C

66 ________________________________________________________________________________ Period

67 Relative age of YZ (circle one): Younger Older Same Age

Evidence: ___________________________________________________________________________

__________________________________________________________________________________
Celestial Longitude (hours)

Celestial Latitude (degrees)

Selected Stars in Cygnus | Color | Classification
--- | --- | ---
Deneb | White | Supergiant
Alberio |
Tabby’s Star |
Weather Variable | Value
---|---
Cloud cover | %
Air temperature | °F
Dewpoint | °F
Barometric pressure | mb

November 8, 2022 lunar eclipse (circle one): visible not visible
April 20, 2023 solar eclipse (circle one): visible not visible

(Not drawn to scale)
Age: ____________ million years

Magnetic orientation: ___________ polarity

Plate and ________________ Plate

82 __________

83 ________________

84 ________________ orogeny

85 Relative age of Herkimer diamonds (circle one): Younger Older The Same

Evidence: _______________________________________________________
            _______________________________________________________