Quiz 5 - (10 points)

Refraction Surface

Air \( n = 1 \)  \( n = 1.5 \)

\[ 1 \text{cm} \quad 2 \text{cm} \]

\[ |r| = 10 \text{cm} \]

(2) Image Location:
- Height:
- Right or Left of Surface:
- Inverted?
- Real?
(2) IMAGE LOCATION:

HEIGHT:
\[ |R| = 10 \text{ cm} \]

(2) **IMAGE LOCATION**:

- **HEIGHT**:
- **UPRIGHT**?
- **REAL**?

RIGHT OR LEFT OF MIRROR?
(2) **First Image Location Relative to First Lens**:

<table>
<thead>
<tr>
<th>Inverted?</th>
<th>Real?</th>
</tr>
</thead>
</table>

(2) **Final Image Location Relative to First Lens**:

<table>
<thead>
<tr>
<th>Inverted with respect to Original Object?</th>
<th>Real?</th>
</tr>
</thead>
</table>