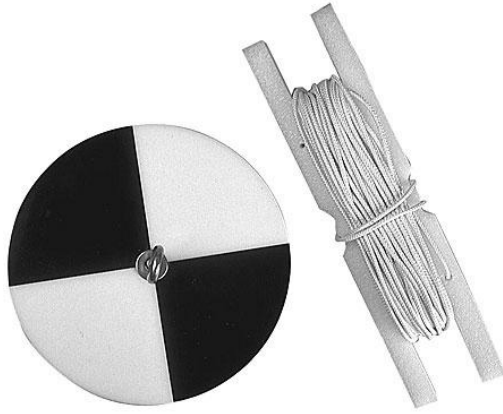


**Round: 4A**



1. Name the oceanographic instrument pictured above. (2 pts)
2. How long has this instrument been used by oceanographers? (2 pts)
3. Describe the procedure for using this instrument. (4 pts)
4. What does this measurement tell us? (3 pts)
5. The depth (as measured in meters) divided by 1.7 yields a coefficient described as what? (3 pts)
6. Give three (3) reasons depth measurements obtained using this piece of equipment might get shallower during the summer season. (6 pts)