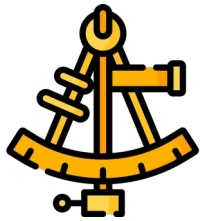
# The MCToon Sextant Challenge



**It is July 18, 1982 and you find yourself lost at sea.**
You only know you are within 1200 miles of Hawaii.
Your boat is traveling on a heading of 252° at 6.9 knots.

You take sextant readings of 2 stars from an eye height of 9 feet:

| | | |
|---|---|---|
| **Vega:** | Time = 22:37:30 | Sextant Reading = 47° 22.5’ |
| **Alkaid:** | Time = 22:40:14 | Sextant Reading = 59° 14.0’ |

Your watch’s Zone Description is +7 hours (UTC = WT+7)
The index correction and watch error are both zero.

**Challenge:** Find your position as accurately as you can!