

# BOSTON HARBOR EXPEDITION LOG

Name \_\_\_\_\_ Boat \_\_\_\_\_ Island \_\_\_\_\_ Date \_\_\_\_\_

Weather Conditions \_\_\_\_\_

<u>MEASUREMENT # 1 AT THE DOCK</u>	<u>MEASUREMENT # 2 AT THE DOCK</u>
<p>Depth when we depart: _____ feet</p> <p>Depth when we return: _____ feet</p> <p>Change in depth: _____ feet</p> <p>Did the tide rise or fall?? _____</p>	<p>Temperature when we depart: _____ °F</p> <p>Temperature when we return: _____ °F</p> <p>Change in temperature: _____ °F</p> <p>Circle the correct answer: If the tide rises, then the water <i>should</i> be: cooler / warmer.</p>

LANDMARKS TO FIND FROM THE BOAT

Using your chart, find these harbor landmarks. Check - ✓ - them when you see them!

Ft. Independence on Castle Island \_\_\_ Logan Airport Tower \_\_\_ Thompson Island \_\_\_

Spectacle Island \_\_\_ Deer Island \_\_\_ Long Island Bridge \_\_\_ Moon Head \_\_\_

Nixes Mate \_\_\_ Georges Island \_\_\_ Windmill Pt. on Hull \_\_\_ Boston Light \_\_\_

MEASURING THE SPEED OF THE BOAT (in nautical miles per hour)

We will pass two special buoys, our timing buoys.

The first buoy is buoy # \_\_\_\_\_. We passed it at this time: \_\_\_\_\_.

The second buoy is buoy # \_\_\_\_\_. We passed it at this time: \_\_\_\_\_.

These buoys are \_\_\_\_\_ miles apart. It took \_\_\_\_\_ minutes to travel this distance

Find the equivalent fraction:

=

60 min

The numerator tells us the speed of the boat.

Miles per hour is the same as miles per 60 minutes.