

## Part 5 Assignment

- 1) A back bearing is  $180^\circ$  from the to bearing. (*True or False*) True
- 2) You launch from the put-in at Bear Cove and the bearing to your destination, the beach on Shark Island, is  $30^\circ$ . To return to Bear Cove, what will you used as a course bearing?  $30 + 180 = 210$
- 3) You launch from the marina at Crab Bay and the bearing to your destination, the lobster pound at Seal Harbor, is  $230^\circ$ . To return to Bear Cove, what will you used as a course bearing?  $230 - 180 = 50$
- 4) You are paddling 1 mile in rough seas from an island you have been camping on to the boat ramp on the mainland. You are using your deck compass to maintain the course bearing to the ramp. How far off could you be from the boat ramp when you reach the mainland?  $461'$  or if estimating,  $100 \times 5 = 500'$
- 5) Using the same scenario as question 4, and knowing and the conditions are hazy but not foggy, should you be concerned about not finding the boat ramp on the mainland? (*Yes or No*) No
- 6) Lines of latitude are horizontal and are parallel to each other everywhere on Earth. (*True or False*) True
- 7) Lines of longitude are vertical and are parallel to each other everywhere on Earth. (*True or False*) False
- 8) One minute of latitude arc anywhere on Earth is a distance of \_\_\_\_\_. 1 nautical mile
- 9) One nautical mile is approximately \_\_\_\_ longer than a statute mile. 15%
- 10) If you are paddling at 3 miles per hour, what is your speed in kt/hour?  $3/1.15 = 2.6$