

Part 8 Assignment

- 1) In Maine, True North and Magnetic North are the same. (*True or False*) False
- 2) True North is the reference line on a chart or map. (*True or False*) True
- 3) When using a compass in the “real world”, magnetic north is the reference line. (*True or False*) True
- 4) When using a chart, the top of the chart is oriented to magnetic north. (*True or False*) False
- 5) The variation at Knubble Bay Camp is approximately _____. 15 degrees west
- 6) The variation in New England ranges between 14 _____ 16 degrees west
_____ in the south and _____ in the north.
- 4) East of the agonic line, the position of magnetic north is west of the position of true north. (*True or False*) True
- 5) Given a magnetic bearing, to convert it to a true bearing, you would _____ the variation. subtract
- 6) Given a true bearing, to convert it to a magnetic bearing, you would _____ the variation. add

Assume you are in the vicinity of Knubble Bay Camp for the following.

- 7) Convert a bearing of 290° M to a true bearing. 275 T
- 8) Convert a bearing of 0° T to a magnetic bearing. 15 M
- 9) Using a chart, you determine that the bearing from your put in to Snake Island is 90° T. Before you get into your boat at the put in, you rotate the degree dial to read _____ degrees at the index line in order to set the magnetic bearing to follow to Snake Island. 105 M
- 10) While on Snake Island you notice an island off to the distance. Using your compass, you determine the bearing to the island is 0°. To find that island on your chart, you would use a bearing of _____ from Snake Island. 345 T