

Axe Yacht Club

Yachtmaster Shorebased Course

Variation and Deviation Examples

Take variation = 6°W

Use the deviation table in the Training Almanac.

Question 1

You have worked out a course-to-steer of 350°T from your present position to the next way point. You are motoring downwind and do not expect to make any leeway. What course on the steering compass will you tell the helm to steer?

Question 2

The helm tells you that he is steering 140° on the steering compass and estimates that he is making 10° leeway in the easterly wind. What is the true course to plot on the chart?



Question 1

<i>True</i>	<i>Variation</i>	<i>Magnetic</i>	<i>Deviation for 356</i>	<i>Compass</i>
<i>350T</i>	<i>6W</i>	<i>356M</i>	<i>4W</i>	<i>360 / 000C</i>

Question 2

<i>Compass (with L'way)</i>	<i>Deviation for heading (140C)</i>	<i>Magnetic</i>	<i>Variation</i>	<i>True</i>
<i>150</i>	<i>6E</i>	<i>156M</i>	<i>6W</i>	<i>150T</i>

