

**6. Correct. The answer is true.** Statute miles (1 statute mile = 1.61 kilometers) are used to measure distance on land and on inland lakes, rivers and intracoastal waterways. Nautical miles are used to measure distances on the oceans of the world. If you assume the earth is perfectly round, (it is slightly flatter at the poles), there are 360 degrees around it at the equator. There are 60 minutes in each degree, each minute is one nautical mile, and 60 minutes X 360 degrees = 21,600 nautical miles around the earth at the equator.

A statute mile is 5,280 feet in length. A nautical mile is 6,076.1155 feet in length. Therefore statute miles/nautical miles =  $5280/6076.1155 = 0.87$  or statute miles =  $0.87 * \text{nautical miles}$ .