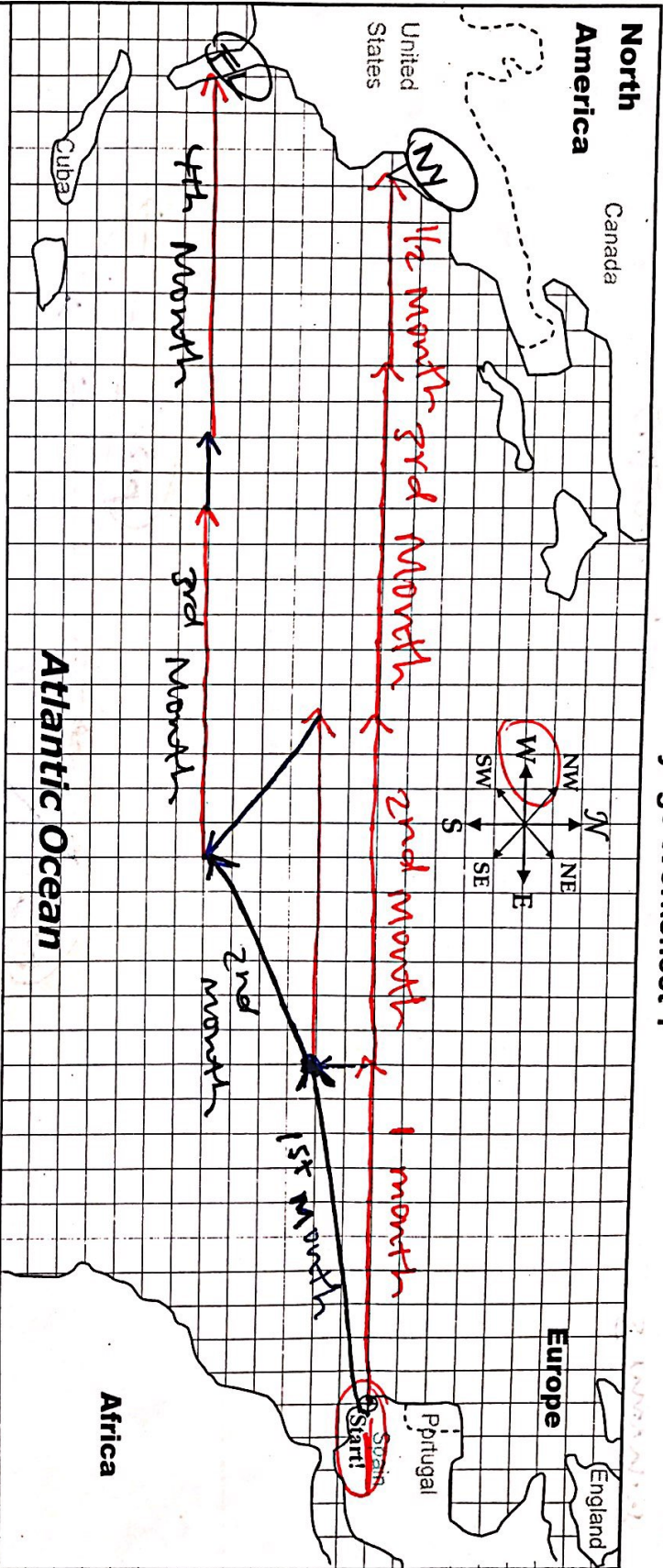


Name: _____

Date: _____

Vector Voyage Worksheet 1



Vector Voyage Instructions

Part 1: Your ship can sail 10 squares/month. Starting from Spain and travelling west (or bearing 270), draw one vector for each month of travel using your red pencil. In what country will you make landfall? US (NY) How many months will it take to reach land (how many 10-square vectors is it)? 3.5 months

Part 2: Unfortunately, the wind does not always blow the way you want! To determine how the wind effects our travel, let's include the wind vector. First, draw your ship vector, just like in part 1, using your red pencil. Now at the end of that vector, add the wind vector using your blue pencil. Now draw the resulting vector (just adding the two vectors) with your blue pencil. That's where you are when the first month ends. Now do the same for the next month and the month after that until you reach land. Remember that the wind changes, so each month you will have to add a different wind vector. The list of different winds for each month is on the following line.

Month 1: 2 squares south Month 2: 4 diagonal squares southeast Month 3: 2 squares west Month 4: No wind
 Where will you make landfall now? US (FL) How many months to reach land (only count the solid 10-square vectors)? 4