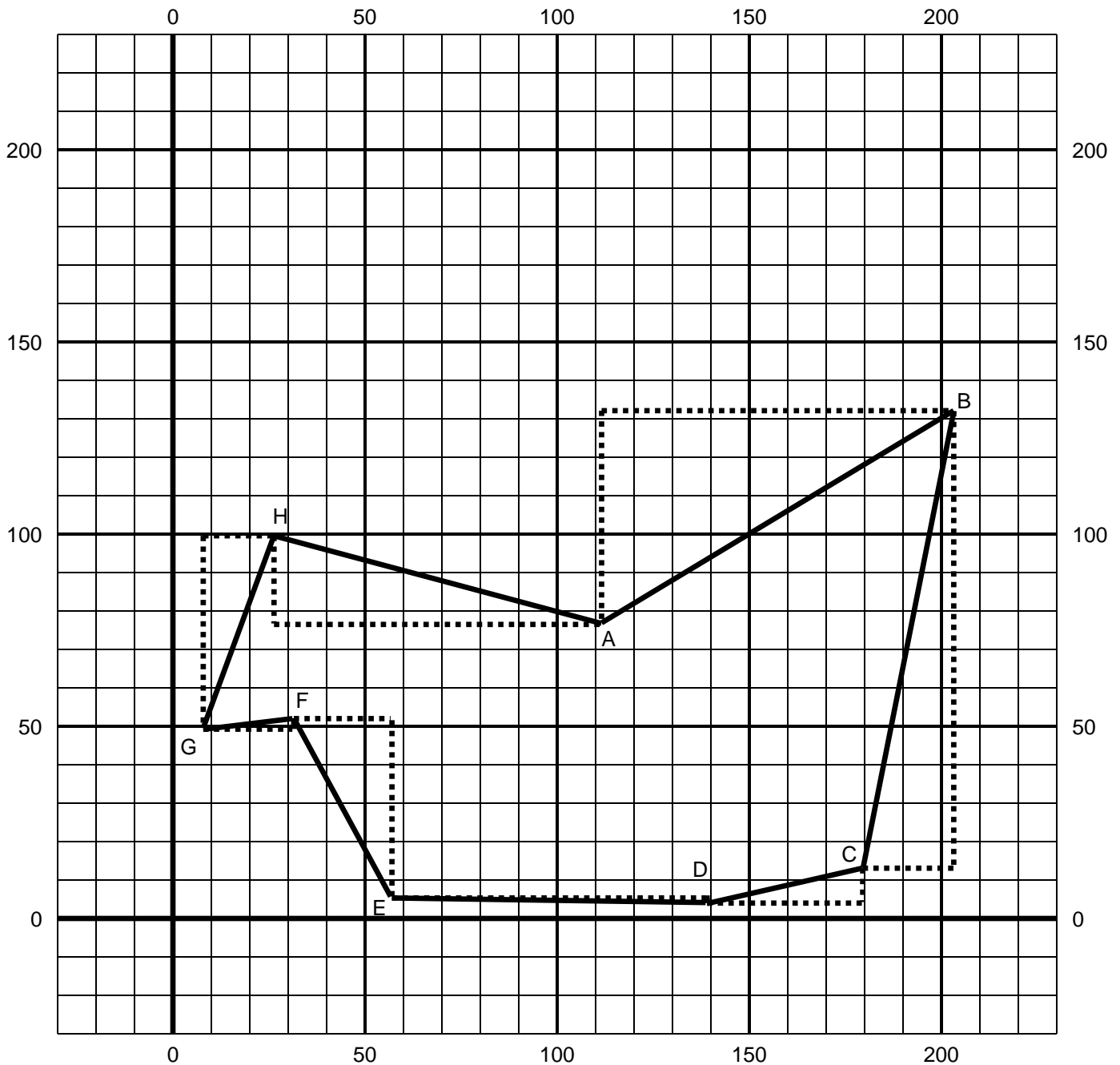


Key

- 1) Plot the following northings and eastings on the grid below:  

76.5125	132.1115	13.0750	3.9905	5.3310	52.1010	49.2575	99.5678
111.5522	203.1855	179.5005	139.0000	57.0075	31.4520	7.8975	26.3131
- 2) Connect the plotted points to create traverse A-B-C-D-E-F-G-H-A
- 3) Determine the latitude (change in northing) and departure (change in easting) between adjacent coordinates and use these figures to sketch triangles where the "hyp" is the traverse course, the "opp" side is the departure, and the "adj" side is the latitude. Calculate the bearing and distance for each course and record the data on the chart on the next page.



Key

STA	NORTHING	EASTING	LATITUDE	DEPARTURE	BEARING	AZIMUTH	DISTANCE
A	76.5125	111.5522					
			<b>55.5990</b>	<b>91.6333</b>	<b>N 58-45-09 E</b>	<b>58-45-09</b>	<b>107.18'</b>
B	132.1115	203.1855					
			<b>-119.0365</b>	<b>-23.6850</b>	<b>S 11-15-12 W</b>	<b>191-15-12</b>	<b>121.37'</b>
C	13.0750	179.5005					
			<b>-9.0845</b>	<b>-40.5005</b>	<b>S 77-21-27 W</b>	<b>257-21-27</b>	<b>41.51'</b>
D	3.9905	139.0000					
			<b>1.3405</b>	<b>-81.9925</b>	<b>N 89-03-48 W</b>	<b>270-56-12</b>	<b>82.00'</b>
E	5.3310	57.0075					
			<b>46.7700</b>	<b>-25.5555</b>	<b>N 28-39-09 W</b>	<b>331-20-51</b>	<b>53.30'</b>
F	52.1010	31.4520					
			<b>-2.8435</b>	<b>-23.5545</b>	<b>S 83-07-00 W</b>	<b>263-07-00</b>	<b>23.73'</b>
G	49.2575	7.8975					
			<b>50.3103</b>	<b>18.4156</b>	<b>N 20-06-17 E</b>	<b>20-06-17</b>	<b>53.57'</b>
H	99.5678	26.3131					
			<b>-23.0553</b>	<b>85.2391</b>	<b>S 74-51-54 E</b>	<b>105-08-06</b>	<b>88.30'</b>
A	76.5125	111.5522					