

LAND MEASUREMENT

Score _____

Name _____ School _____ Rank _____

- A. Sketch the area on graph paper provided.
- B. Show measurements and bearings on sketch.
- C. Calculate the acreage to the nearest 1/1000 acre (.001).
- D. Show all computations on the back of the graph paper.
- E. Be able to explain your procedure for calculating the area to judge.
- F. Minus 1 point for each deviation of 1/100 (.01) of an acre.

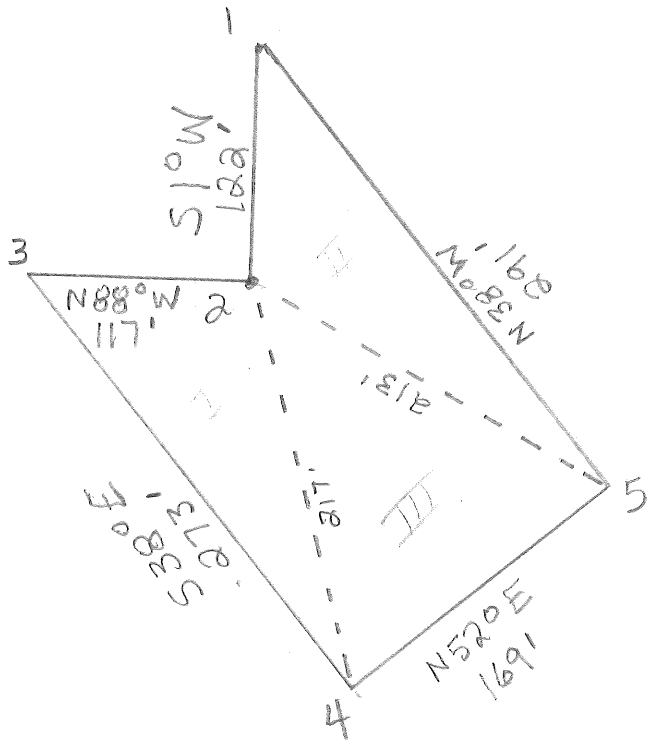
Bearings	1. <u>S 1° W</u>	<u>122'</u>	4. <u>N 52° E</u>	<u>169'</u>
and	2. <u>N 88° W</u>	<u>117'</u>	5. <u>N 38° W</u>	<u>291'</u>
Distances	3. <u>S 38° E</u>	<u>273'</u>	6. _____	_____

Acres to the nearest 1/1000 (.001) .922

A. JUDGES SCORING SPACE

Correct acreage	_____
Contestant's acreage	_____
Deviation	_____
Point deduction (1 point per .01 deviation)	_____
Acreage score (90 – point deduction)	_____
Drawing Score (10 point max.) +	_____
(*Two points each for North orientation, scale, labeling lines with distances and bearings, closure and neatness and accuracy)	
TOTAL SCORE =	_____

1" = 100' Oconee Key 2016



Acres = .922

HAND COMPASS PRACTICUM

Name Oconee 2016 School _____

JUDGES USE ONLY				CONTESTANT'S	
CORRECT ANSWER	DEDUCTION	TOTAL DEDUCTION	BRG & DIST SCORE	CORRECT AZIMUTH	AZIMUTH SCORE
1. <u>Green</u> Bearing <u>S 28° W</u> Azimuth <u>208</u> Distance <u>87'</u>	_____	_____	_____	_____	_____
2. <u>Red</u> Bearing <u>S 83° E</u> Azimuth <u>97</u> Distance <u>114'</u>	_____	_____	_____	_____	_____
3. <u>White</u> Bearing <u>N 30° E</u> Azimuth <u>30</u> Distance <u>98'</u>	_____	_____	_____	_____	_____
4. <u>Yellow</u> Bearing <u>N 84° W</u> Azimuth <u>276</u> Distance <u>121'</u>	_____	_____	_____	_____	_____
Total Bearing & Distance Score (Maximum score is 96 pts)			_____	+	_____
			_____		_____

The contestant may start at any point and record the magnetic bearing and distance to the ending point. Bearings should be expressed using quadrants and degree(s), and distances should be expressed to the nearest foot.

Exclusive of the azimuth score, each station will carry a weight of 24 points. No more than 24 points can be deducted from any individual station for the bearings and distances. Specifically, only twelve (12) points may be deducted from either the bearing or distance. No more than 1 point can be deducted for the azimuth at each station.

ALLOW +/- 1 DEGREE DEVIATION FROM CORRECT BEARING ANSWER.