

PRODUCT CLASSIFICATION

Score _____

Rank _____

Name Key

School Area 4

List products: Pulpwood (PW)

Chip-N-Saw (CNS)

Sawtimber (ST)

Tree #	Product	Correct Product
1		PW
2		ST
3		ST
4		CNS
5		PW
6		PW
7		ST
8		PW
9		CNS
10		CNS

JUDGES SCORING SPACE

Number of Correct Products _____ x 10 = _____

Total _____

Scoring

10 Points Correct Product

Pulpwood Minimum 6" dbh

Chip-N-Saw Minimum 9" dbh to 12" dbh maximum with at least 1½ clear logs (24 feet)

Sawtimber Minimum 13" dbh with at least 1½ clear logs (24 feet)

Any tree from which 1½ clear logs or 24 feet of clear logs cannot be cut from any portion of the tree will be classified as pulpwood.

"Clear" is defined as being free of deforming limbs, forks, major sweeps and cankers.

LAND MEASUREMENT

Score _____

Name Key School Area 4 Rank _____

- A. Draw the area on graph paper provided.
- B. Show measurements and bearings on drawing.
- C. Calculate the acreage to the nearest 1/1000 acre (.001).
- D. Show all computations on 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 332 1. N 28 W 210' 124. S 60 E 413'
 And 309 2. N 51 W 254' 5. S 30 W 238'
 Distances 34 3. N 34 E 77' 6. _____

Acres to the nearest 1/1000 (.001) 1.299

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)

HAND COMPASS PRACTICUM

Name Key School Area 4

Blue
 1. Bearing N 2 W
 Azimuth 358
 Distance 145'

Orange
 2. Bearing S 81 E
 Azimuth 99
 Distance 233'

Yellow
 3. Bearing S 35 E
 Azimuth 145
 Distance 170'

Pink
 4. Bearing S 83 W
 Azimuth 263
 Distance 146'

JUDGES USE ONLY				CONTESTANT'S	
CORRECT ANSWER	DEDUCTION	TOTAL DEDUCTION	BRG & DIST SCORE	CORRECT AZIMUTH	AZIMUTH SCORE
1. Bearing <u>N 2 W</u>	_____	_____	_____	_____	_____
Azimuth <u>358</u>	_____	_____	_____	_____	_____
Distance <u>145'</u>	_____	_____	_____	_____	_____
2. Bearing <u>S 81 E</u>	_____	_____	_____	_____	_____
Azimuth <u>99</u>	_____	_____	_____	_____	_____
Distance <u>233'</u>	_____	_____	_____	_____	_____
3. Bearing <u>S 35 E</u>	_____	_____	_____	_____	_____
Azimuth <u>145</u>	_____	_____	_____	_____	_____
Distance <u>170'</u>	_____	_____	_____	_____	_____
4. Bearing <u>S 83 W</u>	_____	_____	_____	_____	_____
Azimuth <u>263</u>	_____	_____	_____	_____	_____
Distance <u>146'</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

TIMBER STAND IMPROVEMENT

Score _____

Rank _____

Name Key

School Area 4

* MANAGEMENT OBJECTIVE Landowner wants to conduct final thin on timber for future pole production in his un-even aged stand. No wildlife consideration & no hardwood market.

Participants will decide whether to (Harvest, Leave or Deadened) each marked tree by writing the appropriate action in the blanks. Participants will also give a reason why each tree was harvested, left or deadened from the following list. Should two reasons be applicable, give both.

- A. Future Crop Tree
- B. Non-merchantable
- C. Wildlife/aesthetics
- D. Insect Infestation
- E. Disease
- F. Lack of vigor or growth, suppressed or restricted crown or spacing
- G. Crooked, forked, malformed or leaning
- H. Other

Tree Number	Harvest/Leave or Deadened	Reason
1.	H	G
2.	L	A
3.	L	A
4.	H	G
5.	L	A
6.	H	G
7.	H	G
8.	H	F
9.	L	A
10.	H	G, E
11.	H	G, E
12.	L	A
13.	H	G
14.	H	G
15.	L	A
16.	L	A
17.	L	A
18.	H	G
19.	H	G
20.	H	G

Judges Scoring Space

Incorrect Harvest/Leave or Deadened trees x 3 points = _____

Incorrect Reasons x 2 points = _____

Total Deductions _____

Total Score = 100 pts
Minus Deductions _____

Seed, crop or wildlife/aesthetics trees will be used for tie breakers

Identify the three best seed, crop or wildlife/aesthetics trees.

15 16 5