

REDWOOD FOREST AREA*

HUMBOLDT COUNTY AND BEYOND

	Column 1	Column 2	Column 3	
Region	Area	ESTIMATE % area of redwood forest in each county based on the map	CALCULATE Area of redwood forest in region (column 1 x 2)	CALCULATE % area of redwood forest (column 3 ÷ 2475 mi ²)
Del Norte County	1,008 mi ²			
Humboldt County	3,573 mi ²			
Mendocino County	3,509 mi ²			
Humboldt, Del Norte, and Mendocino			1,485 mi ²	60%
Alameda, Contra Costa, Marin, Monterey, Napa, San Mateo, Santa Clara and Santa Cruz counties			978 mi ²	39.5%
California	163,696 mi ²	1.5%	2474 mi ²	99.5%
Oregon	98,466 mi ²	0.001%	1.4 mi ²	0.5%

1. Before you begin to solve, what questions do you have? How might you answer them?

2. Now try this! Look at the maps and estimate percent cover for the county....

AFTER CALCULATIONS

3. What was confusing about this activity? What approaches did you take to address these?

4. How could this activity be improved? How might you use something like this in your classroom?