

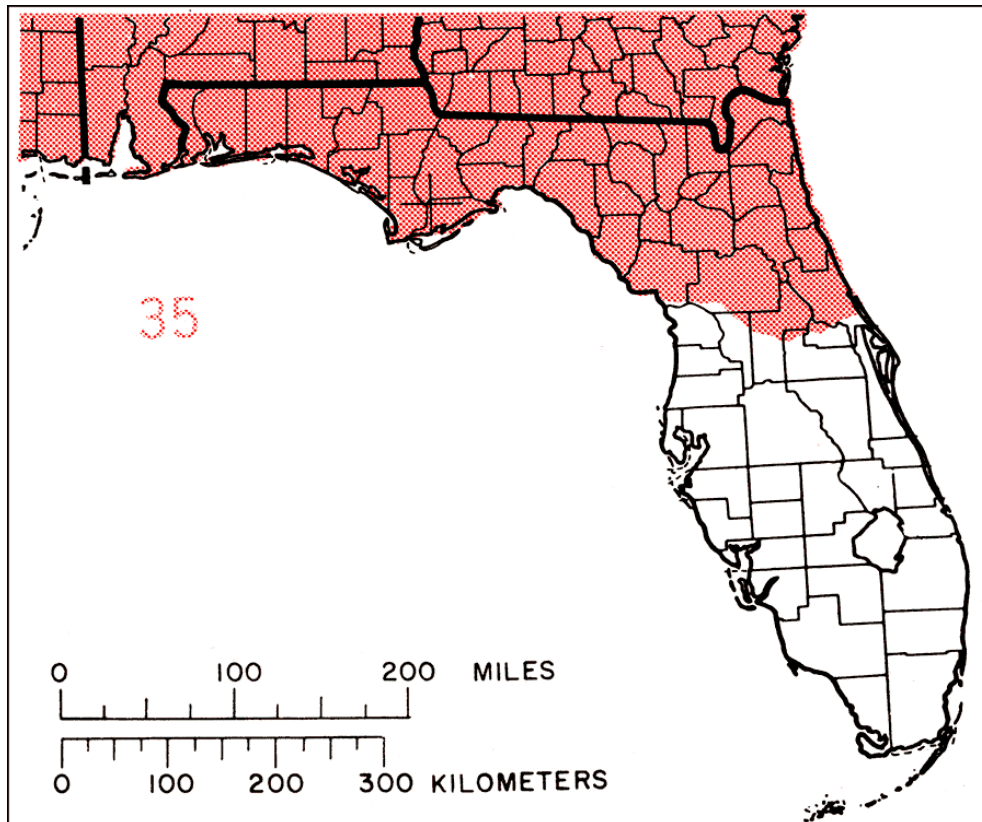
Name: _____

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MA.4.G.3.3 Select and use appropriate units, both customary and metric, strategies, and measuring tools to estimate and solve real-world area problems.

MA.6.A.5.3 Estimate the results of computations with fractions, decimals, and percents and judge the reasonableness of the results.

Use the map below that shows the distribution of the *Carya tomentosa* or mockernut hickory trees in Florida in 1978 to answer the questions.



Source: Florida Center For Instructional Technology

1. What is the approximate area the mockernut hickory trees covered in Florida in 1978? Justify your answer by showing work, including formulas used.
2. What fraction of the state of Florida did mockernut hickory trees cover in 1978? Justify your answer.