

Name: _____

Date: _____

ROCKS in GLENWOOD CAVERNS

Directions: Answer the following questions. When necessary, show all work in the space provided.

1. How many classes are in your school? _____
2. How many schools are in your community? _____
3. How many schools are in your county? _____
4. How many counties are in your state? _____
5. If each year _____(fill in the blank) school classes from the state were to remove 4 rocks from Glenwood Caverns, how many rocks would be removed....

....in a year's time? _____

....in 5 years? _____

....in 10 years _____

....by the time you graduate from high school? _____
6. If each rock weighed 3 lbs., how many tons of rocks would be removed?
7. Find a rock that weighs ____ (fill in blank). Measure the area. Compute the area in square feet that would be missing from the cave yearly. (Use an object like a building to compare your figures to, so you have a visual aid to assist with the concept.)
8. Are the rocks/speleothems in Glenwood Caverns being replaced? Explain your answer.
9. Do speleothems grow at fast rates?
10. How can you and your classmates help promote cave conservation?