

## STALACTITES AND STALAGMITES



1. Define stalactite \_\_\_\_\_
2. Define stalagmite \_\_\_\_\_
3. Define column \_\_\_\_\_
4. What are stalactites and stalagmites formed from?
5. “Each drop that forms and falls **deposits** another calcite ring.” What does “deposits” mean?
6. “If (the tubes) are plugged by **debris**, water begins flowing over the outside.” What does “debris” mean?
7. How long does it take for the stalactites in the photographs to form?
8. Rain from the sky has minerals in it. True or false?
9. How does water in a cave get minerals in it?
10. If you are in a cave and you see a spot on the ceiling that is dripping slowly, what will a visitor in the year 3308 see in that same location?
11. Name 3 reasons why a cave is a perfect place for stalactites and stalagmites to grow.
  - 1)
  - 2)
  - 3)
12. A stalactite grows how much in a year?
13. (Use your answer from above to help you with this question) If the largest stalactite is 20 meters long, how many years did it take to form? (1000 mm = 1 m)