

MATERI 1 – TEXT REPORT

NAME :

CLASS :

At the end of the lesson, you will be able to explain various kinds of information about the organisms living in the soil

Text 1

READ THE TEXT AND ANSWER THE QUESTION!



Bacteria are single-cell organisms that are neither plants nor animals. Bacterial cells are different from plant and animal cells. Bacteria are prokaryotes, which mean they have no nucleus. They usually measure a few micrometers in length and exist together in communities of millions. A gram of soil typically contains about 40 million bacterial cells.

There are many different types of bacteria. One way of classifying them is by shape. There are three basic shapes. The first type is spherical shaped bacteria. Bacteria shaped like a ball are called cocci, and a single bacterium is a coccus. Examples of spherical shaped bacteria include the streptococcus group.

The second type is rod-shaped bacteria. These are known as bacilli (singular bacillus). Some rod-shaped bacteria are curved. These are known as vibrio. Examples of rod-shaped bacteria include *Bacillus anthracis* or anthrax.

The last type is spiral shaped bacteria. These are known as spirilla (singular spirillum). If their coil is very tight they are known as spirochetes. Leptospirosis, Lyme disease, and syphilis are caused by bacteria of this shape.

(Adapted from <https://www.medicalnewstoday.com/articles/157973#types>)

NO	STATEMENTS	TRUE/FALSE
1	Bacteria only have one cell.	
2	The cells of bacteria are similar to animal cells	
3	Bacteria can be classified based on their shape	
4	Cocci are a type of long shaped bacteria.	
5	Syphilis are caused by round shaped bacteria	