

Introductions to Logarithms

1. Logarithms are:

- a. **Used to simplify mathematical calculations**
- b. Used to measure distances
- c. Used only in scientific research work

2. You have 1 virus in your body. It triples every hour. How many viruses will be in your body after 6 hours? You may want to create a table on paper to help you answer this problem.

- a. 18 viruses
- b. 243 viruses
- c. **729 viruses**

3. 10 raised to what power is a 1,000,000?

- a. **To the sixth power**
- b. To the tenth power
- c. To the hundredth power