

## Answer on Question #44798 – Chemistry – Other

### Questions

- a. Explain what can be observed if you place some fine carbon dust in water and look at it under the microscope.
- b. Give the name that best describes what takes place in this experiment.

### Answers

- a. Random motion of carbon dust particles suspended in water can be observed. This random motion is a result of the dust particles collisions with the quick molecules of water being in thermal motion.
- b. **Brownian motion** of the particles takes place in the experiment.