

Moles Quiz

1. What science concept is used as a base number of atoms of a particular chemical substance in chemical equations	A. pounds B. atmospheres C. hectares D. moles
2. What was the last name of the man who invented the constant for the number of atoms in one mole of some substance?	A. Smith B. Lavoiser C. Frailey D. Avagadro
3. In a balanced chemical equation, the number of moles of one element on both sides of the equation will be:	A. the same B. different C. opposite in sign D. opposite in direction
4. What can be compared to the amount of waste generated in a nuclear reaction using the concept of moles?	A. the amount of energy produced B. how many turns a generator makes C. difference in the change in elevation of the steam D. amount of evaporated water
5. Using the process of making a solar cell, what can be compared to the amount of energy the cell produces using moles?	A. the amount of sunlight the sun gives off B. the efficiency of the sun C. the efficiency of the solar cell D. the amount of silicon used in the cell