# Quiz on Algae Bloom

Take this after watching HAB video and reading Marine Productivity Background Information

1. Phytoplankton are considered producers because
   1. At the top of the food chain
   2. Produce carbon dioxide and water
   3. Produce organic molecules such as sugar
   4. Produce oxygen and carbon dioxide
2. The correct sequence of photosynthesis is
   1. CO2 + O2 🡪 C6H12O6 + H2O
   2. CO2 + H2O 🡪 C6H12O6 + O2
   3. C6H12O6 + O2 🡪 CO2 + H2O
   4. O2 +H2O 🡪 C6H12O6 + CO2
3. Which of the following environmental factors do not typically contribute to the formation of algal blooms?
   1. Urban run-off
   2. Sunlight
   3. Drought
   4. Water temperature and circulation patterns
   5. Nitrogen and Phosphorous
4. Harmful algal blooms are toxic because
   1. They block oxygen and sunlight harming other marine life
   2. They produce toxins that can harm organisms that ingest or touch them
   3. They can outcompete the normal algae in the population
   4. All of these
5. All algal blooms are considered harmful
   1. True
   2. False