

Science 9
Unit D
Pre-assessment Quiz

Answer all 4 questions in the spaces provided. Think carefully before typing your answers.
Save your quiz when you are done.

Leave your answers in blue; it will be easier for you see them later. If you choose to send this to your

Question 1

Describe voltage, current, and resistance in an electrical circuit. How are these three characteristics of a circuit mathematically related?

Question 2

Describe one way that electrical energy can be changed into another type of energy. List an example of a technology that uses this energy conversion.

Question 3

Why do some devices waste more electrical energy than others?

Question 4

List one way that electricity is produced on a large scale. What is one negative effect on the environment of producing electricity?