

## Week 7 Review Quiz

### Question 1

If an atom loses electrons in a redox reaction, we say this atom was:

Oxidized

### Question 2

In the reaction  $\text{CrO} + \text{H}_2 \rightarrow \text{H}_2\text{O} + \text{Cr}$ , the element being reduced is:

Cr

### Question 3

What is the oxidizing agent in the reaction  $\text{Fe}^{3+} + \text{V} \rightarrow \text{Fe} + \text{V}^{3+}$

$\text{Fe}^{3+}$

### Question 4

Which of the following molecules is not a hydrocarbon?

Methanol

### Question 5

Which of the following molecules contains a triple bond? Select all that apply:

Pentyne

Butyne

### Question 6

A key application of hydrocarbons is:

Fuel

### Question 7

The  $\text{COOH}$  group represents which functional group?

Carboxyl

### Question 8

This type of hydrocarbon contains a carbon-to-carbon double bond:

Alkene

### Question 9