

Read Reaction Ratios: Apply and Create



Name: _____ Date: _____

Use what you learned to explain, construct or apply an idea.

A balanced model reaction

$2 \text{H}_2 + \text{O}_2 \rightarrow 2 \text{H}_2\text{O}$. The coefficients give mole ratios: 2 moles of hydrogen react with 1 mole of oxygen to form 2 moles of water, assuming the reaction proceeds as modeled.

1. How many moles of H_2O can that mixture form?

2. Why is changing a coefficient different from changing a subscript?
