## General Chemistry Mr. MacGillivray Quiz #21: Balancing Chemical Equations

Balance the following equations. If an equation is already balanced, write "balanced" under the equation.

(1) 
$$C_6H_{12}O_6 + O_2 \Rightarrow CO_2 + H_2O$$

(2) Na + 
$$H_2O \Rightarrow NaOH + H_2$$

(3) 
$$AgNO_3 + NaCl \Rightarrow AgCl + NaNO_3$$

(4) Fe + 
$$O_2 \Rightarrow Fe_2O_3$$

(5) 
$$Pb(NO_3)_2 + Na_2CO_3 \Rightarrow PbCO_3 + NaNO_3$$

## General Chemistry Mr. MacGillivray Quiz #21: Balancing Chemical Equations

Balance the following equations. If an equation is already balanced, write "balanced" under the equation.

(1) 
$$C_6H_{12}O_6 + 6O_2 \Rightarrow 6CO_2 + 6H_2O$$

(2) 
$$2 \text{ Na} + 2 \text{H}_2\text{O} \Rightarrow 2 \text{NaOH} + \text{H}_2$$

$$(4) \forall Fe + 3O_2 \Rightarrow 2Fe_2O_3$$

(5) 
$$Pb(NO_3)_2 + Na_2CO_3 \Rightarrow PbCO_3 + 2NaNO_3$$