BALANCING CHEMICAL EQUATIONS ANSWER

Name: _____ Date: _____

$2\ H_2 + O_2 \rightarrow 2\ H_2O$

Is the reaction balanced?

= Yes

How many hydrogen atoms are needed to produce two H_2O molecules?

= 4

What is the product?

= H_2O

How many oxygen molecules are needed to produce two H_2O molecules?

= 1

How many hydrogen molecules are needed to produce two H_2O molecules?

= 2

What are the reactants?

= H_2 and O_2

Why is there not a coefficient in for O_2?

= When the coefficient would be "1", it is omitted.

How many oxygen atoms are needed to produce two H_2O molecules?

= 2

What is the number "2" in front of the H_2 (and H_2O) called?

= Coefficient