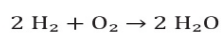


# BALANCING CHEMICAL EQUATIONS ANSWER

Name: \_\_\_\_\_

Date: \_\_\_\_\_



Is the reaction balanced?

= Yes

How many hydrogen atoms are needed to produce two H<sub>2</sub>O molecules?

= 4

What is the product?

= H<sub>2</sub>O

How many oxygen molecules are needed to produce two H<sub>2</sub>O molecules?

= 1

How many hydrogen molecules are needed to produce two H<sub>2</sub>O molecules?

= 2

What are the reactants?

= H<sub>2</sub> and O<sub>2</sub>

Why is there not a coefficient in for O<sub>2</sub>?

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

How many oxygen atoms are needed to produce two H<sub>2</sub>O molecules?

= 2

What is the number "2" in front of the H<sub>2</sub> (and H<sub>2</sub>O) called?

= Coefficient