

1. Aria wanted to design a new bouncy-chew toy for his new puppy. She used this "equation" to build it. The arrow \rightarrow shows what she had "before" and "after" building her new toys.



a) Did Aria balance her equation? Yes no not sure

b) Not so fast...Explain your answer to number 1!

I chose _____ because _____

c) The "before" objects are called **reactants**. Go back to the picture of the equation and circle all of the reactants, put (R) in the circle(s).

d) The "after" objects are called **products**. Go back to the picture of the equation and box around all products. Put a (P) in the box(es).

2. In the following chemical equation:



a) List the products: _____

b) Is this chemical equation balanced?

➤ Yes, because _____

➤ No, because _____