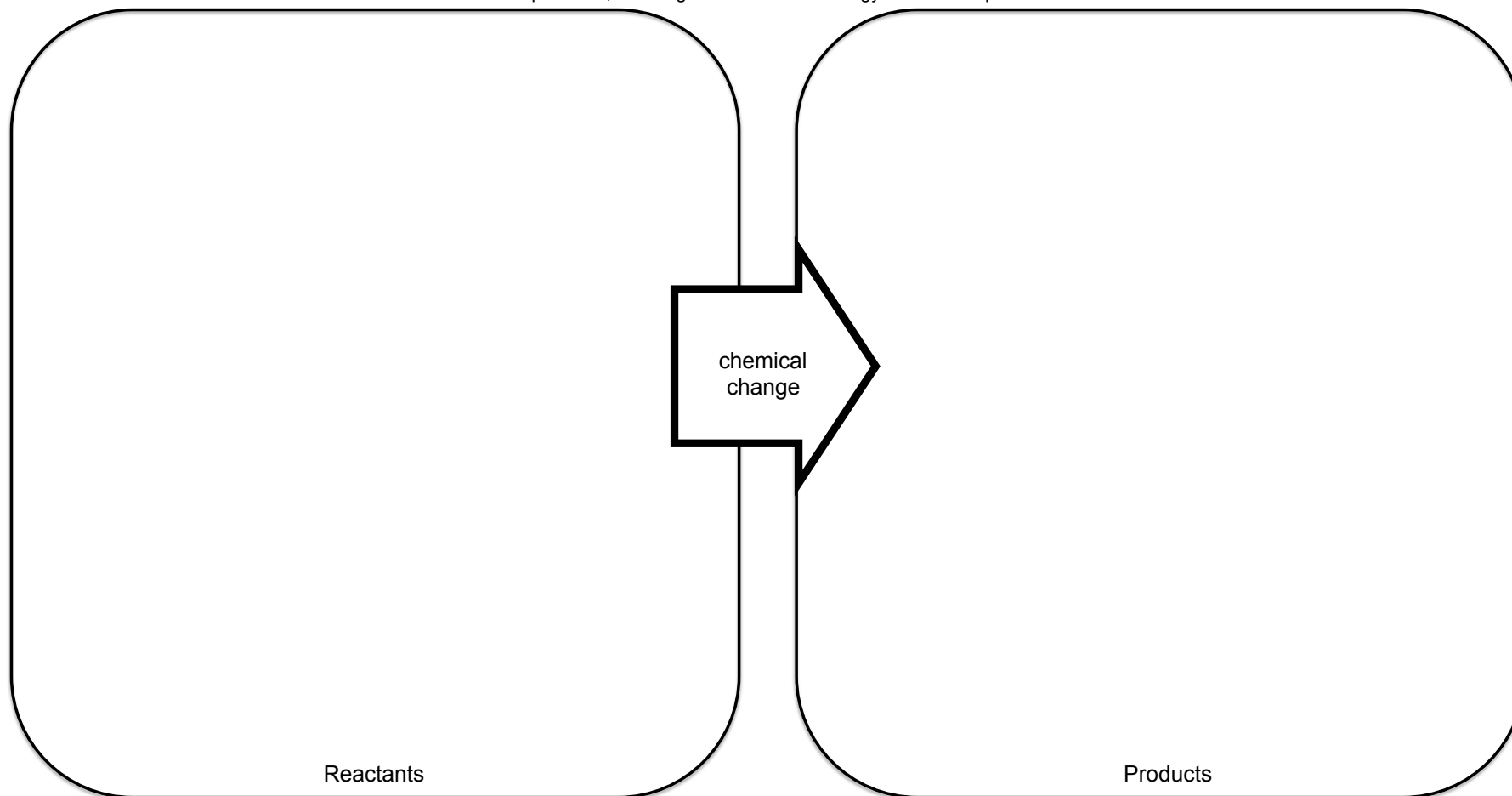


### Molecular Models Placemat

Start by making the molecules (with twist ties to represent energy) of the reactants and putting them on the reactants side. Put all extra pieces away. Then, using only the materials on the placemat, rearrange the atoms and energy to show the products.



Remember: **Atoms last forever** (so you can rearrange atoms into new molecules, but can't add or subtract atoms)

**Energy lasts forever** (so you can change forms of energy, but energy units can't appear or go away)