

Chemical and Physical Changes Homework

For each of the following, determine whether a chemical or physical change is taking place and state your reasons for making this determination:

- 1) A hot dog is cooked.
- 2) Thousand Island dressing and mayonnaise are mixed to make "secret sauce" for hamburgers.
- 3) Water is boiled to make pasta.
- 4) Old ham goes bad in the refrigerator.
- 5) A rock star gets a tattoo on his forehead.
- 6) In the space below, give one example of a chemical change and one example of a physical change that you can find in your own house. Make sure you explain your reasons for classifying them!

Next, explain to your parents (or some other adult) why each is classified as being either a chemical or a physical change. Have them sign below that they understand the difference, thanks to your explanation:

Thanks to the explanation I was given, I now understand the difference between a chemical and a physical change!

Signature: _____