

Physical and Chemical Changes Quiz

Directions: Identify each of the following as a physical or a chemical change.

1. Baking a cake for your mom's birthday. _____
2. Getting your hair cut. _____
3. A chocolate bar melting in a hot car. _____
4. Combining vinegar and baking soda to make a model volcano "erupt".

5. Mixing baking soda, calcium chloride, water, and bromothymol blue together (What we did a few days ago in the last experiment).

6. Making Popsicles out of Kool-Aid. _____
7. Lighting a match. _____
8. A bicycle rusting. _____
9. Smashing an Oreo cookie. _____
10. The steam coming off a pan of boiling water hitting your hand.

Physical and Chemical Changes Quiz Key

Directions: Identify each of the following as a physical or a chemical change.

1. Baking a cake for your mom's birthday.

____(**chemical**)_____

2. Getting your hair cut. _____(**physical**)_____

3. A chocolate bar melting in a hot car.

____(**physical**)_____

4. Combining vinegar and baking soda to make a model volcano "erupt". _____(**chemical**)_____

5. Mixing baking soda, calcium chloride, water, and bromothymol blue together (What we did a few days ago in the last experiment).

____(**chemical**)_____

6. Making Popsicles out of Kool-Aid. _____(**physical**)_____

7. Lighting a match. _____(**chemical**)_____

8. A bicycle rusting. _____(**chemical**)_____

9. Smashing an Oreo cookie. _____(**physical**)_____

10. The steam coming off a pan of boiling water hitting your hand.

____(**physical**)_____