

Quiz 8.1.2

1. List examples that would show evidence of a *Chemical* Property Change:

- a. _____
- b. _____
- c. _____

2. List examples that would show evidence of a *Physical* Property Change:

- a. _____
- b. _____
- c. _____

3. How does changing the *Chemical* property affect the matter in a substance?

4. How does changing the *Physical* property affect the matter in a substance?

5. Read the story below and circle FIVE physical changes and underline FIVE chemical changes.

Jessica and Chris wanted to surprise their parents with a special anniversary dinner. While Jessica cut up the vegetables and cheese for a salad and boiled an egg for slicing, Chris opened a fizzy bottle of soda and poured it over ice to cool.

They had decided to cook some hamburgers and homemade French fries! Chris mixed the ingredients for the burgers together in a bowl while Jessica cut up the potatoes and placed them in a pan on broil. They got really brown and crispy!

Earlier that day, Jessica had mixed some Jell-O powder in hot water and mixed in fresh strawberries. She put it in the refrigerator so it could cool and harden. When the hamburgers were cooked right through and the French fries were golden brown, they surprised their parents in the dining room. Everything tasted so good!

Later, as Jessica and Chris cleaned up, the scraps were placed in the garbage can. Their father washed the dishes in steaming hot water and Chris dried them. Jessica worked on her oil painting, while their mother played the piano. They had all enjoyed their terrific evening, although Chris had a stomachache from eating too much. His mom gave him a seltzer tablet and this helped ease the pain. Their parents thanked them for a fantastic evening and went to bed!