

Sum It Up!

When you're done, use the answer key to check and revise your work.

Fill in the blank in each sentence. Then draw a line to the matching picture.

1

Tearing an object is a _____ change.



2

You cannot see the individual _____ in a solution.



3

The parts of a saltwater solution can be _____.



4

Foods undergo _____ changes as they cook.



5

When you make a salad, the physical _____ of the ingredients stay the same.



Word Play

Underline the correct meaning or description of each term.

1

physical change

- a change in which the type of matter stays the same
- a change in which nothing is different
- a change in which a new kind of matter is formed

2

mixture

- substances are cooked
- substances keep their identities
- substances can't be separated

3

solution

- some parts float
- parts are evenly mixed
- parts are unevenly mixed

4

dissolve

- become unmixed
- become evenly mixed
- become unevenly mixed

5

chemical change

- matter is cut into smaller pieces
- matter is neatly folded
- new kinds of matter are formed



Apply Concepts

6

Tell whether each picture below shows a physical change or a chemical change and explain how you know.



7

Look at the mixture below. Explain how you could separate it.





Share with your family what you have learned about changes in matter. With a family member, name changes in matter that you observe at mealtimes in your home.