

WORKSHEET
Science Revision

I. Read and choose the correct answer.

1. What do you get when we mix salt and sugar?

- A. a mixture B. a solution C. a substance

2. When 2 substances dissolve into one another, we have a/an _____.

- A. a mixture B. a solution C. a substance

3. How do we have a solution?

- A. We have a solution when the substances do not dissolve into one another.
B. We have a solution when the substances are insoluble.
C. We have a solution when one substance is soluble in another.

4. What happens to the substances in a mixture?

- A. All of them
B. They change their properties.
C. They do not change their properties.

5. When we put sand into water, the sand is _____ in water and it forms a mixture.

- A. soluble B. insoluble C. dissolve

6. Which of the following is insoluble in water?

- A. sugar B. rocks C. salt

7. Which of the following pictures show solutions?

- A. 2 and 3
B. 1 and 2
C. 1 and 3



8. Which of the following is NOT a chemical change?

- A. boiling an egg B. cutting paper C. lighting a match

9. Mr. Smith asks Sarah to make a solution with water. He gives her oil, pepper and salt.

What should she mix together?

- A. salt and water B. oil and water C. pepper and water

10. What state of matter is apple juice?

- A. liquid B. solid C. gas

11. Which of the following states does not have a fixed shape?

- A. both of them B. solid C. liquid

12. Which of the following is a chemical change?

- A. cutting bananas B. ripening bananas C. peeling bananas

II. Fill in each blank with ONLY ONE WORD

1. When we mix salt and sugar together, we have a _____.
2. When we put sand into water, the sand is _____ in water. We still have a mixture.
3. When a substance _____ into another, we have a _____.
4. A mixture of rock and water cannot form a _____ because rock is _____ in water.
5. In four substances (salt, iron, sugar and beans), there are _____ things that are soluble in water.
6. There are _____ states of matter. They are solid, liquid and gas.
7. A solid has a fixed shape. Liquid and gas don't have fixed shapes. They take the shape of their _____.
8. When you put a bar of chocolate in the sun. It _____.
9. In a _____ change, a substance turns into another substance.
10. We identify chemical changes through colors, smells and _____.

III. Read the statements and decide whether it is True or False.

1. Burning wood is not a chemical change.
2. In a chemical change, a substance only changes its state.
3. Liquids have got fixed shapes.
4. At 0°C, water changes from a liquid to a solid and we call this a chemical change.
5. When temperature changes, substances cannot change from one state to another.