

1. PROPERTIES

Read these definitions and **choose the correct property**:

1. allows light to pass through easily
2. absorbs liquids well
3. prevents liquid or gas from passing
4. passes energy like heat or electricity well
5. does not break easily
6. does not allow liquid to pass through
7. breaks very easily
8. allows some light to pass through
9. can stretch and return to its original shape
10. does not allow light to pass through
11. is attracted to a magnet
12. allows some liquid to pass

2. METHODS OF SEPARATION

Think about the properties of the materials. Then, **choose the easiest and fastest method** to separate these mixtures:

1. sand and water
2. metal and plastic recycling
3. salt and water
4. pure alcohol and water
5. dust from the air
6. milk from cereal
7. cooking oil and water
8. paperclips and soil
9. coronavirus from from the air around us
10. pasta and water

3. TYPES OF MIXTURES

In a **homogeneous mixture**, we can't see the different substances because they are well combined.

In a **heterogeneous mixture**, we can see the substances easily.

Think about these mixtures. Choose **homogeneous or heterogeneous**.

1. orange juice
2. milk and cereal
3. soil and stones
4. tea
5. sand and shells
6. saltwater
7. chicken and pasta soup
8. coffee

