

# DAY 2: TYPES OF MATTER

1. Watch the video "[Evaluate: pure substances and mixtures](#)" and answer the following questions.

1.1. What is a **pure substance**?

A pure substance is matter that contains \_\_\_\_\_.  
It has specific properties.

1.2. What is a **mixture**?

A mixture is matter that contains \_\_\_\_\_.  
It doesn't have specific properties.

1.3. Can the components of a **mixture** be separated? Tick the answer.

\_\_\_ Yes, the components can be extracted by appropriate separation methods.

\_\_\_ No, the separation of the components depends on the properties of the mixture.

1.4. What is a **heterogeneous mixture**?

The components of a heterogeneous mixture \_\_\_\_\_ distinguished.

1.5. What is a **homogeneous mixture**?

The components of a heterogeneous mixture \_\_\_\_\_ distinguished.

**2. Classify these substances as 'pure substances' or 'mixtures'.**



Hand soap

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Water

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Sea water

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Diamond

---



Honey

---



Yogurt

---



Sugar

---



Coffee

---



Gold

---



Sand

---



Salt

---



Cereals

---

**3. Classify these mixtures as 'homogeneous' or 'heterogeneous'.**



Hand soap

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Fruit salad

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Sea water

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Pizza

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seashells

---



Yogurt

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Steel

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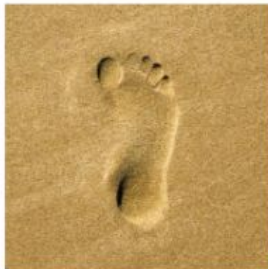
Coffee

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Jar of candies

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Sand

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Paint

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Cereals

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Cocoa

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Cake

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Water and oil

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Pumpkin cream

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