

## Lesson 2 Physical Properties

**Predict** three facts that will be discussed in Lesson 2 after reading the headings. Record your predictions in your Science Journal.

### Main Idea

#### Physical Properties

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### Details

**Define** physical property, and give two examples.

Definition: \_\_\_\_\_

1. \_\_\_\_\_ 2. \_\_\_\_\_

**Differentiate** states of matter.

State	Arrangement of Particles	Motion of Particles
Solid		
Liquid		
Gas		

**Contrast** three size-dependent physical properties. Circle the measurement that changes with location.

Property	Description

## Lesson 2 | Physical Properties (continued)

### Main Idea

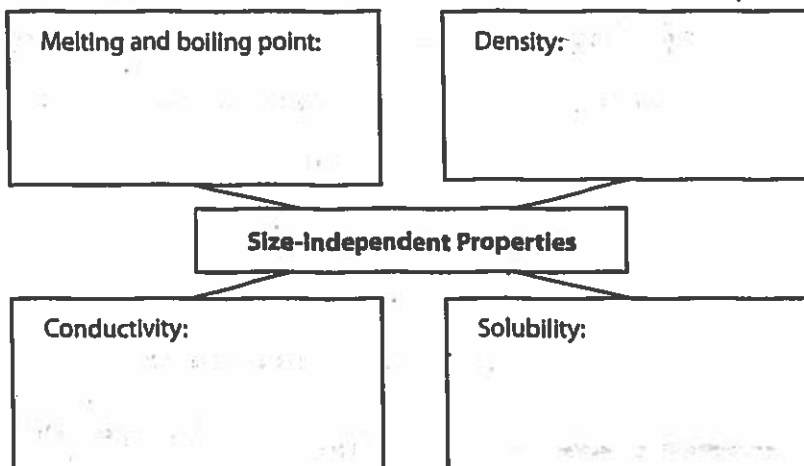
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### Details

 **Describe** four size-independent physical properties.



 **Identify and describe** three physical properties that can be used to separate mixtures.

Property	How it can be used to separate a mixture

 **Synthesize It** Look again at the picture of the man panning for gold on the first page of Lesson 2. Another method he could use to separate the mixture would be to sift the sediment through a screen. What physical property affects how sifting separates a mixture? Would this be as effective for finding gold as panning?

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