

# Lesson 2

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**ANSWER KEYS**

# Literacy Skill Q's

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**Infer** How could you show that the building materials do not change when the building is knocked down?

**Sample answer:** Look at the smaller pieces of the building materials and you will see that the concrete is still concrete but it is smaller.

**Explain** How can you tell that a physical change does not make a new substance?

**The properties of the substance are the same before and after the change.**

# Literacy Skill Q's

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**Cause and Effect** Metal railroad tracks shrink when they get colder. Why do you think shrinking does not cause the tracks to warp?

When the rails shrink, they pull away from  
one another instead of pushing against one  
another.

**Apply Concepts** Label the liquid, solid, and gas in the photos. Predict the temperature for each state.


snowflake — solid,  $0^{\circ}\text{C}/32^{\circ}\text{F}$ ;

water drop — liquid, any temperature above

$0^{\circ}\text{C}/32^{\circ}\text{F}$ ; steam — gas,  $100^{\circ}\text{C}/212^{\circ}\text{F}$

# Literacy Skill Q's

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 **READING CHECK** Use Evidence from Text How can you use the melting point or boiling point to help identify a substance?

Each substance has a specific melting point and boiling point that can be used to identify it.