

Name: _____

Content Check

Read and answer the questions below.

1. Circle the correct word to complete the following sentences:

a) When thermal energy transfers in to water, the molecules move _____.

slower

faster

b) When thermal energy transfers out of water, the molecules move _____.

slower

faster

2. Explain what needs to happen to the thermal energy of ice to make it melt.

3. Explain what happens to the amount of thermal energy in a glass of water that goes from being cold to warm.

Content Check

Teacher Key

1. Circle the correct word to complete the following sentences:

a) When thermal energy transfers in to water, the molecules move faster.

b) When thermal energy transfers out of water, the molecules move slower.

2. Explain what needs to happen to the thermal energy of ice to make it melt.

The thermal energy of ice needs to increase for it to melt.

3. Explain what happens to the amount of thermal energy in a glass of water that goes from being cold to warm.

The thermal energy of the water must increase for the temperature to increase.