Energy Transfer Evidence

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. A thermometer next to a hot lamp reads 22, then 25, then 28 degrees Celsius in three minutes. What does this show?

   the room is getting colder

   heat is moving from the lamp to the thermometer

   the thermometer is making heat

2. Two cups of water both start at 20 degrees Celsius. A warm spoon goes into cup A only. Which observation is evidence that heat moved from the spoon to cup A?

   cup A stayed at 20 degrees Celsius

   cup A rose from 20 to 25 degrees Celsius

   cup B rose from 20 to 25 degrees Celsius

3. A row of dominoes is set up. You push the first one and the last one falls. What was passed along the row?

   energy of motion electric current light energy

4. A toaster is plugged in and the bread gets hot. What does the electricity change into?

   mainly sound mainly motion heat

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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