

Name \_\_\_\_\_

Period \_\_\_\_\_ Date \_\_\_\_\_

## **PARTICLES IN MOTION QUESTIONS**

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1. What is kinetic energy?

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2. What are two ways to increase an object's kinetic energy?

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3. Explain why a balloon inflates when a bottle-and-balloon system is placed in hot water.

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4. What happens to a sample of matter when its particles lose kinetic energy?

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5. How are particles in solids, liquids, and gases the same? How are they different?

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