

Name: _____ Period: _____ Date: _____

PHYSICAL CHANGES DEMONSTRATION

1. Physical properties are characteristics that identify the appearance and quality of a substance. List some examples of types of physical properties below.

_____	_____	_____
_____	_____	_____

2. When a physical change occurs to a substance, it does not change what the substance is. Below list what you could do to cause a physical change.

_____	_____	_____
_____	_____	_____

3. List some physical properties specifically for the three substances below.

racquetball	banana	oxygen
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

4. Do physical properties of a substance change when the temperature changes?

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Extended Response Questions – Use RARE² as in your answers for these! **R**epeat the question, **A**nsWER the question, give **R**easons, **E**xamples and an **E**xplanation (of what happened in the demonstration).

5. What physical property of the racquetball was changed in the demonstration?

6. What physical property of the banana was changed in the demonstration?

7. What physical property of the oxygen was changed in the demonstration?

8. Do all liquids boil at the same temperature at which water boils?