

### Physical and Chemical Changes Test

Name: \_\_\_\_\_

1. A \_\_\_\_\_ change is when matter changes its state but it is still the same substance. Its physical form may change but at a molecular or \_\_\_\_\_ level it stays the same.
2. A \_\_\_\_\_ change occurs when atoms or \_\_\_\_\_ begin to form a completely new substance.
3. A \_\_\_\_\_ change is not reversible.
4. If a substance has a new colour, new texture, or other new characteristics such as different melting points or boiling points than before it is likely a \_\_\_\_\_ has occurred.

#### Physical or Chemical?

A. Water evaporating	F. Popping a balloon
_____	_____
B. Water freezing	G. Wood burning
_____	_____
C. Baking a cake	H. Metal rusting
_____	_____
D. Toasting bread	I. Melting butter
_____	_____
E. Ripping your jeans	J. Making orange paint by mixing yellow and red paint.
_____	_____

#### Word Box

physical	chemical	molecules	atomic
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