

NAME _____

DATE _____

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SCIENTIFIC CONCEPTS IN MATTER

Time to Change



PART 1: If the illustrated change is physical, color it.

<p>①</p> <p>Burning a sparkler</p>	<p>②</p> <p>Breaking a glass</p>	<p>③</p> <p>Biting an apple</p>	<p>In a physical change, the substance's physical characteristics change, but the substance doesn't. The substance may change from one state to another (such as from liquid to gas).</p> <p>In a chemical change, the properties of a substance change, making a different substance. Energy is used or given off in the process.</p>
<p>④</p> <p>Crumpling a piece of paper</p>	<p>⑤</p> <p>Melting ice cream</p>	<p>⑥</p> <p>Baking a cake</p>	
<p>⑦</p> <p>Tearing apart a piece of paper</p>	<p>⑧</p> <p>Water freezing into ice</p>	<p>⑨</p> <p>Burning logs</p>	

Bonus: Choose an example of chemical change. Describe the change and tell how it is different from a physical change.

PART 2: Write the number of each item that shows a physical change. Then describe the change.

- ① The drinking glass is broken, but the parts are still glass. _____
- _____
- _____
- _____
- _____
- _____
- _____