



Identifying Changes

Empty rounded rectangular box with a pair of glasses icon on the right side.

Reversible	Irreversible



Identifying Changes

Cut and stick the pictures of changing materials in the correct columns.

Chocolate Melting 	Bread Toasting 	Candle Burning 	Wax Melting 
Sugar Dissolving 	Wood Burning 	Biscuits Baking 	Water Boiling 
Puddle Evaporating 	Water Condensing 	Butter Melting 	Potatoes Boiling 
Ice Melting 	Oil and Water Mixing 	Milk and Vinegar Mixing 	Cakes Baking 

Photo courtesy of peter pearson, John McClumpha, spcbrass, Amy Loves Yah, richmooremi, webhamster, rofeb, Ervins Strauhmanis, Henry Hemming, crabchick, tarale, slgckge, James Jordan, andrewk100, Joel Kramer, mandarina94 (@flickr.com) - granted under creative commons



Identifying Changes

Cut and stick the examples of changing materials in the correct columns.

Chocolate Making	Bread Toasting	Candle Burning	Wax Melting
Sugar Dissolving	Wood Burning	Biscuits Baking	Water Boiling
Puddle Evaporating	Water Condensing	Butter Melting	Potatoes Boiling
Ice Melting	Oil and Water Mixing	Milk and Vinegar	Cakes Baking



Identifying Changes

Reversible	Irreversible

For the reversible changes, explain how the change can be reversed.

For the irreversible changes, identify the reactant(s) and the product(s).



Identifying Changes

Answers

Reversible	Irreversible
Chocolate melting	Bread Toasting
Wax melting	Candle burning
Sugar dissolving	Wood burning
Water boiling	Biscuits baking
Puddle Evaporating	Potatoes boiling
Water condensing	Milk and Vinegar Mixing
Melting butter	Cake baking
Ice melting	
Oil and water mixing	



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Oil and water mixing	

1. For the reversible changes, explain how the change can be reversed. **The changes can be reversed by either cooling or heating the materials**
2. For the irreversible changes, identify the reactant(s) and the product(s). **Accept any answers that correctly identify the reactants and the products. For example, 'Bread is the reactant, and toast is the product.'**