

# PHYSICAL AND CHEMICAL CHANGES

## WORKSHEET FOR MIDDLE SCHOOL

Use all the information to determine whether the following are physical or chemical changes.

1. Steam evaporating from water.

Shape Change		
Color Change		
Formation of Bubbles		
Odor Produced		
Heat Produced		
Size Change		
State Change		
Formation of New Substance		
Sound Produced		
Light Produced		

2. Bananas are ripening.

Shape Change		
Color Change		
Formation of Bubbles		
Odor Produced		
Heat Produced		
Size Change		
State Change		
Formation of New Substance		
Sound Produced		
Light Produced		

Conclusion:

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### Answers

Use all the information to determine whether the following are physical or chemical changes.

1. Steam evaporating from water.

Shape Change		No
Color Change		No
Formation of Bubbles		No
Odor Produced		No
Heat Produced		No
Size Change		No
State Change	Yes	
Formation of New Substance		No
Sound Produced		No
Light Produced		No

2. Bananas are ripening.

Shape Change	Yes	
Color Change	Yes	
Formation of Bubbles		No
Odor Produced	Yes	
Heat Produced		No
Size Change	Yes	
State Change		No
Formation of New Substance	Yes	
Sound Produced		No
Light Produced		No

Conclusion: From the evidence, it is clear that the first case is an example of a physical change, while the second case is a chemical change