

Look at the pictures. Put the pictures in order of decreasing light.

1

2

3

4

Look at the pictures. Put the pictures in order of increasing light.

1

2

3

4

Place the pictures in order of ***increasing*** sound.



quiet/shhh



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Explain why you put the picture in that order.

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Place the pictures in order of **decreasing** sound.



quiet/shhh



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Explain why you put the picture in that order.

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Place the pictures in order of **decreasing** sound.



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Explain why you put the picture in that order.

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Place the pictures in order of increasing sound.



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Explain why you put the picture in that order.

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# Increasing and decreasing sound cutouts.



quiet/shhh



Use the **heating** and **cooling** cards to sort the different items based on how the matter would change if the items were **heated**.

1

2

3

Use the **heating** and **cooling** cards to sort the different items based on how the matter would change if the **heat** was removed and the items were **cooled**.

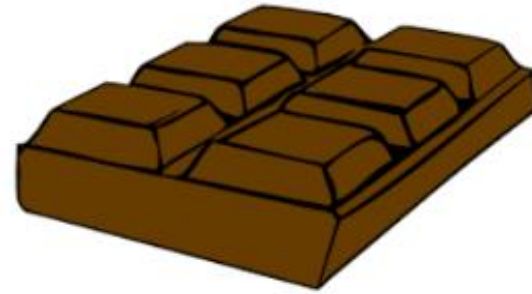
1

2

3

# Heating and Cooling

**Chocolate**



**Chocolate**



**Chocolate**



# Heating and Cooling

Ice Cream



Ice Cream

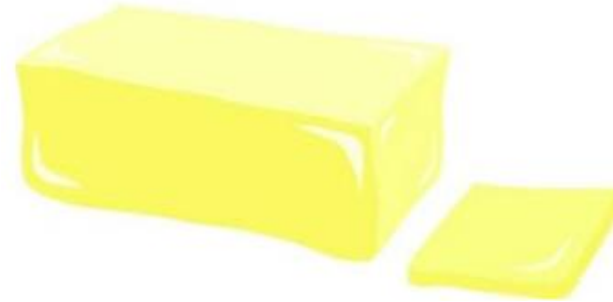


Ice Cream



# Heating and Cooling

**Butter**



**Butter**

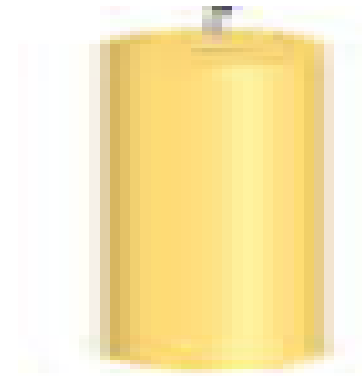


**Butter**



# Heating and Cooling

Candle



Candle



Candle



# Heating and Cooling

**Ice**



**Ice**



**Water**





# Heating and Cooling

**Marshmallows**



**Marshmallows**

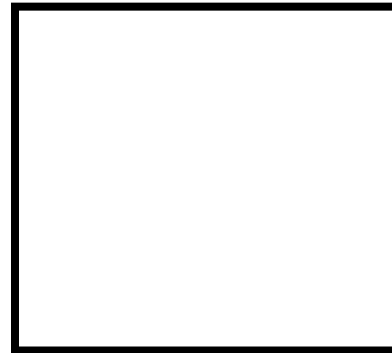
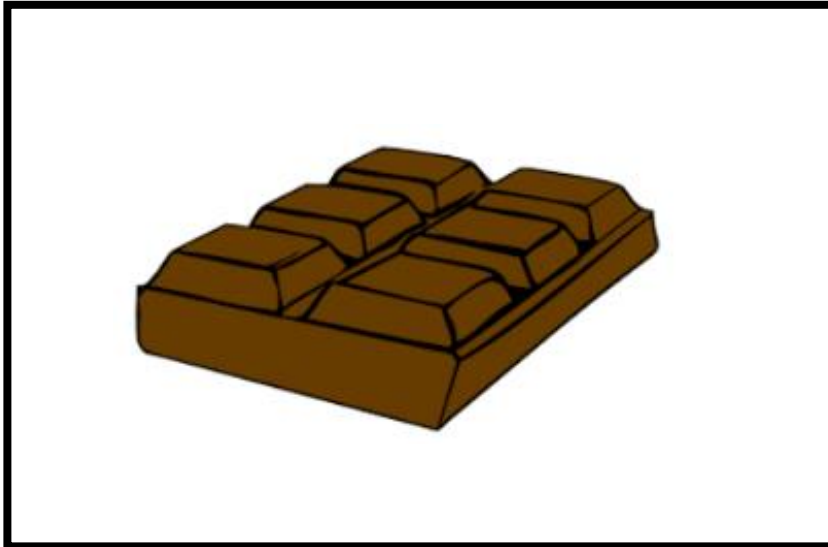


**Marshmallows**

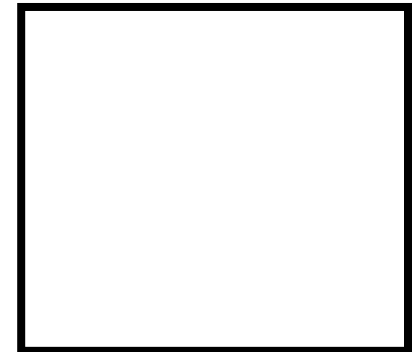


## Chocolate Mania

Draw pictures to describe what you think would happen if heat is added to this chocolate bar.



After 2 minutes



After 5 minutes

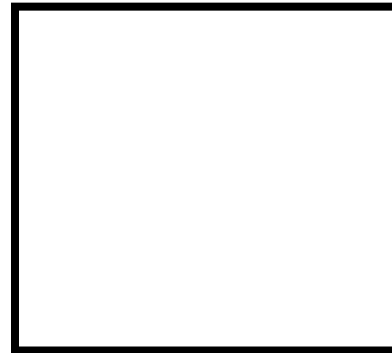
Describe what will happen to the chocolate if heat is added.

I think that if heat is added to the chocolate \_\_\_\_\_

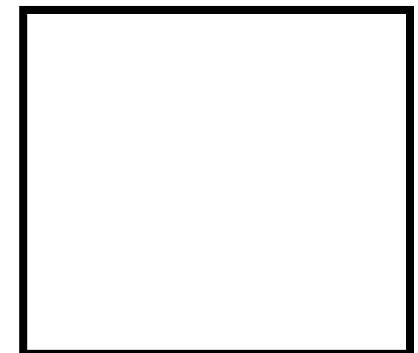
\_\_\_\_\_

## Ice

Draw pictures to describe what you think would happen if heat is added to the ice.



After 2 minutes



After 5 minutes

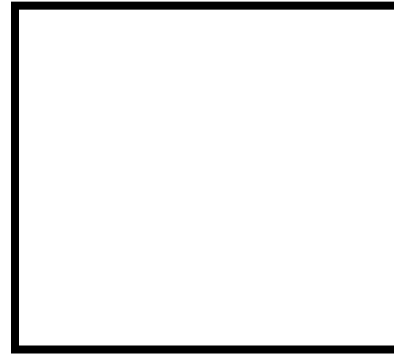
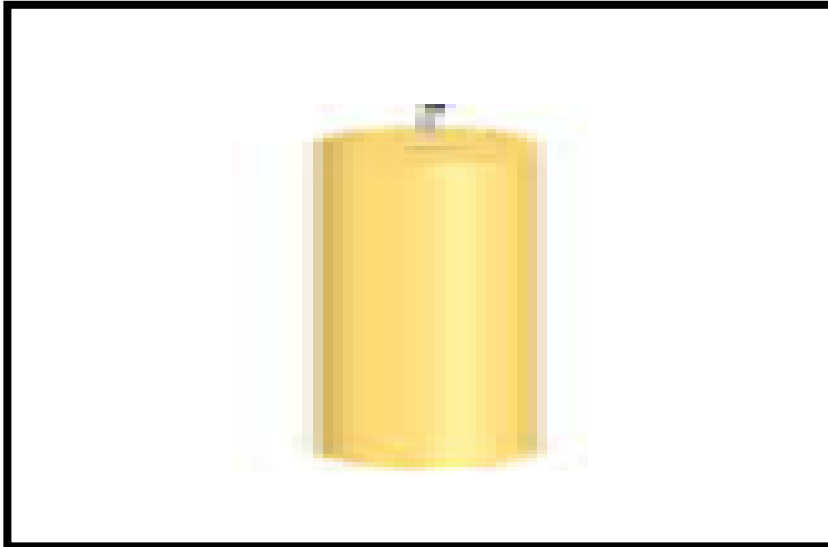
Describe what will happen to the ice if heat is **added**.

I think that if heat is **added** to the ice \_\_\_\_\_

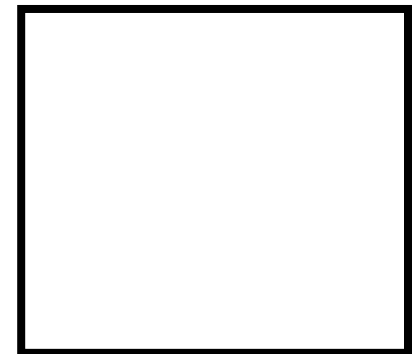
\_\_\_\_\_

# Candle

Draw pictures to describe what you think would happen if heat is added to this candle.



After 2 minutes



After 5 minutes

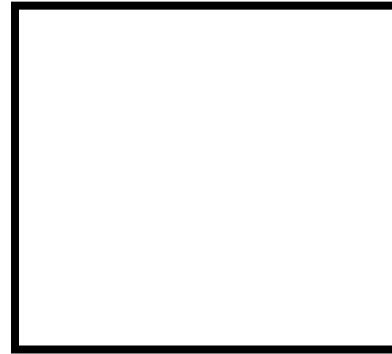
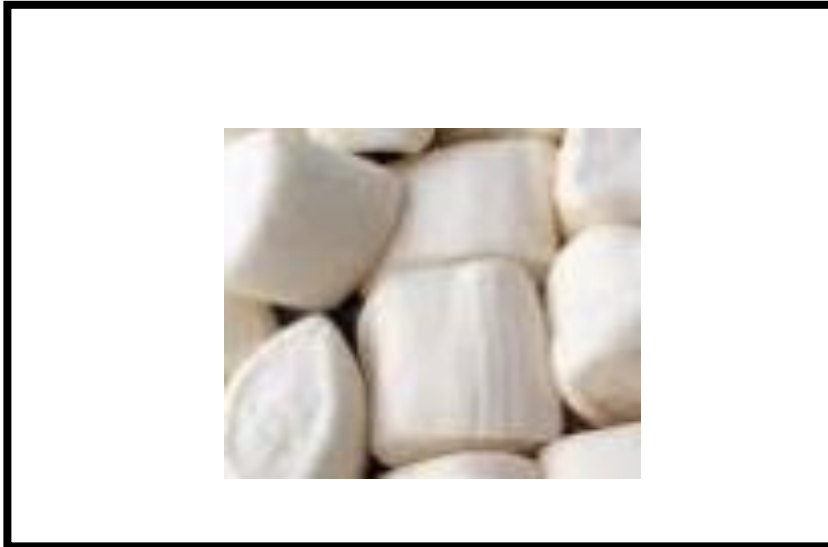
Describe what will happen to the candle if heat is **added**.

I think that if heat is **added** to the candle \_\_\_\_\_

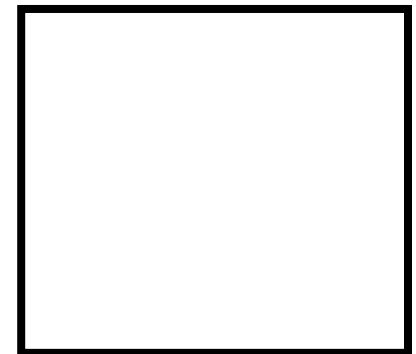
\_\_\_\_\_

## Marshmallow

Draw pictures to describe what you think would happen if heat is **added** to this marshmallow bar.



After 2 minutes



After 5 minutes

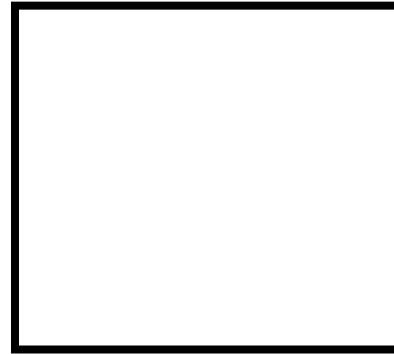
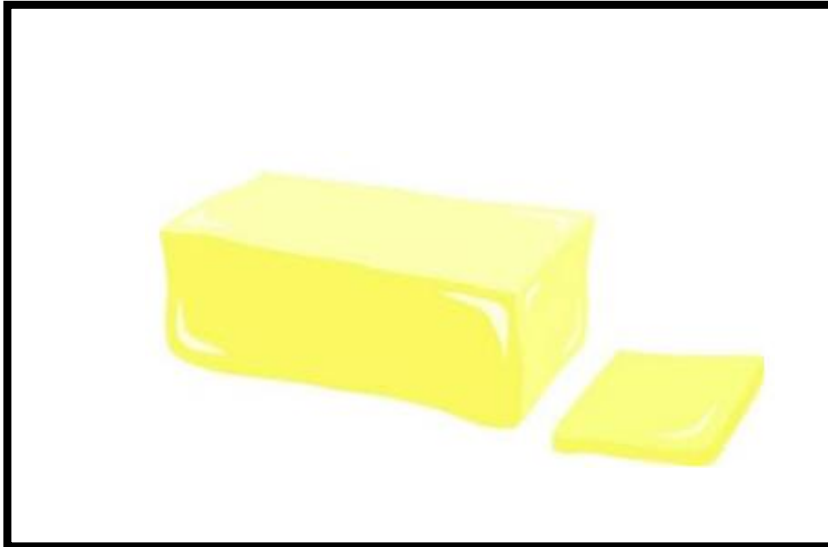
Describe what will happen to the marshmallow if heat is **added**.

I think that if heat is **added** to the marshmallow \_\_\_\_\_

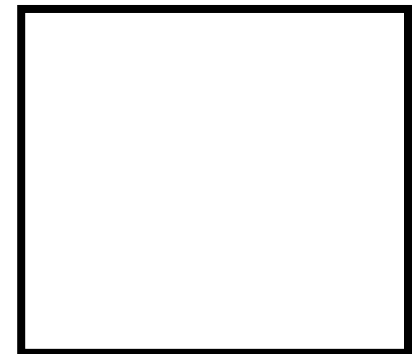
\_\_\_\_\_

## Butter

Draw pictures to describe what you think would happen if heat is **added** to this butter.



After 2 minutes



After 5 minutes

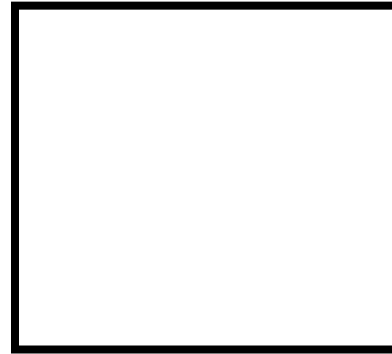
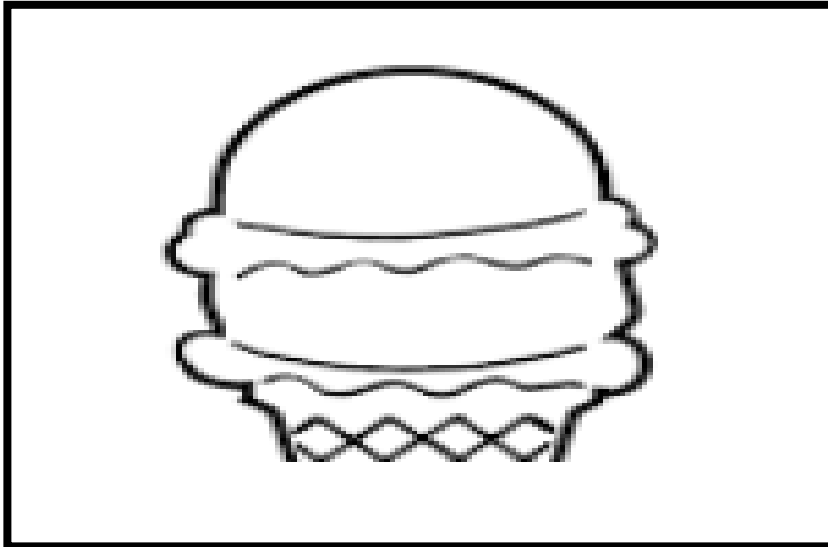
Describe what will happen to the butter if heat is **added**.

I think that if heat is **added** to the butter \_\_\_\_\_

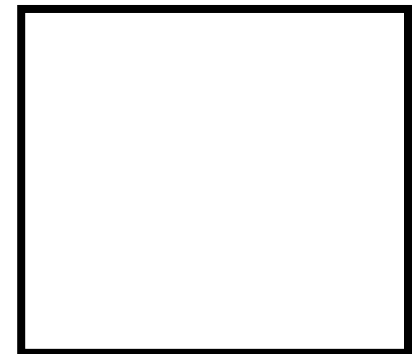
\_\_\_\_\_

## Chocolate Mania

Draw pictures to describe what you think would happen if heat is **added** from this Ice cream.



After 2 minutes



After 5 minutes

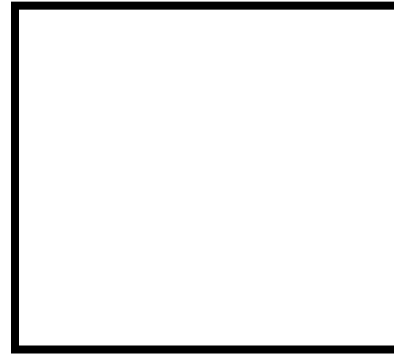
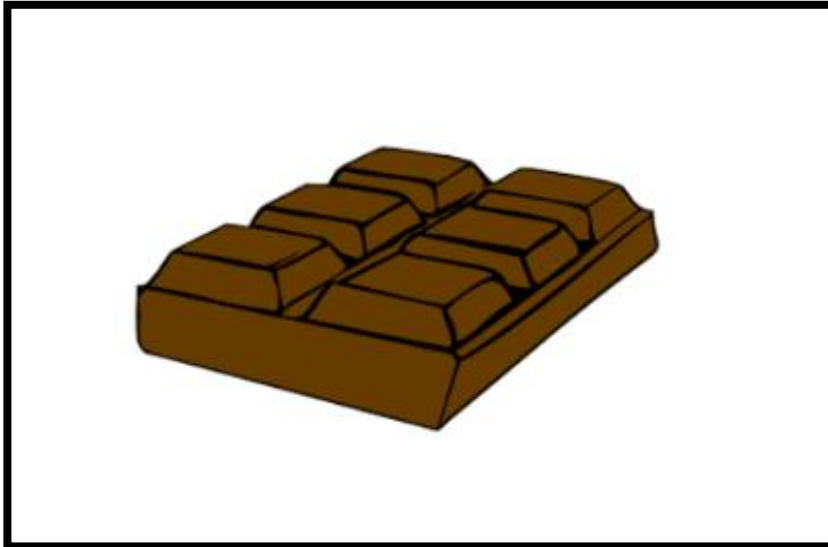
Describe what will happen to the ice cream if heat is **added**.

I think that if heat is **added** to the ice cream \_\_\_\_\_

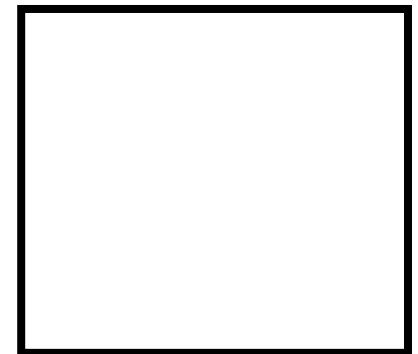
\_\_\_\_\_

## Chocolate Mania

Draw pictures to describe what you think would happen if heat is **removed** from this chocolate and it gets cold.



After 2 minutes



After 5 minutes

Describe what will happen to the chocolate if heat is **removed**.

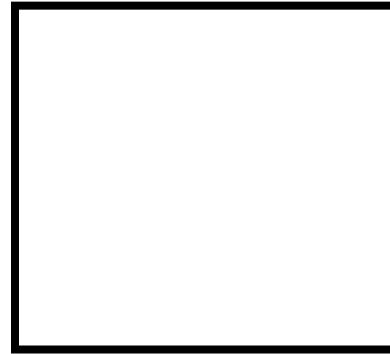
I think that if heat is **removed** to the chocolate \_\_\_\_\_

\_\_\_\_\_

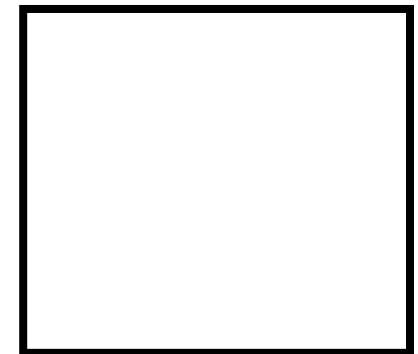


## Ice

Draw pictures to describe what you think would happen if heat is **removed** from this ice and it gets cold.



After 2 minutes



After 5 minutes

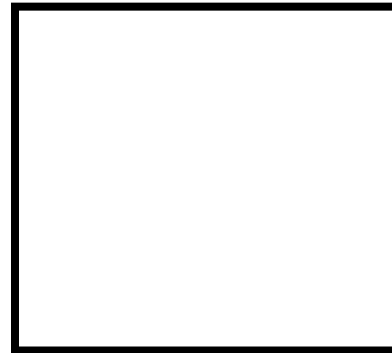
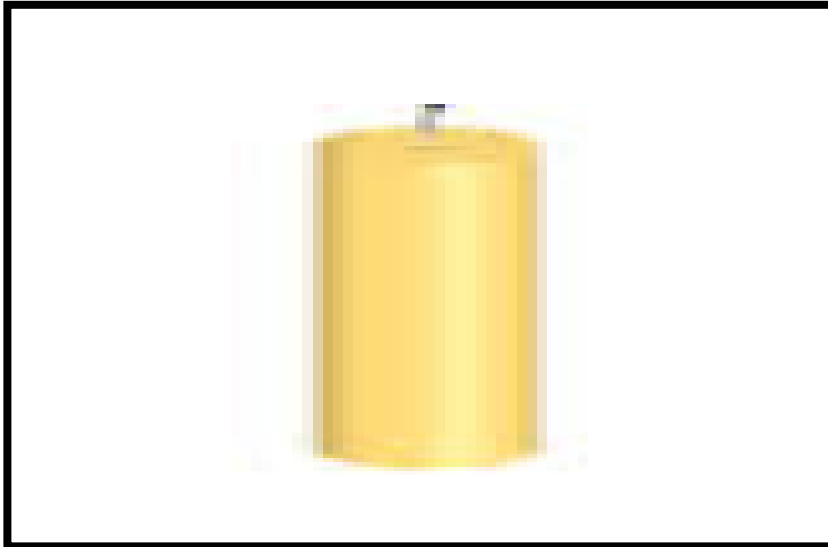
Describe what will happen to the ice if heat is **removed**.

I think that if heat is **removed** to the ice \_\_\_\_\_

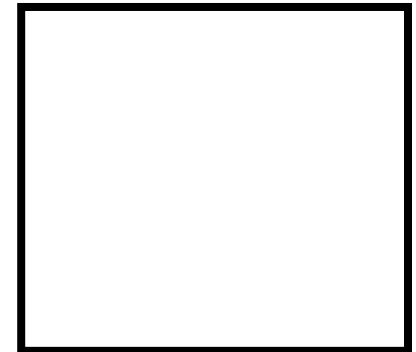
\_\_\_\_\_

# Candle

Draw pictures to describe what you think would happen if heat is **removed** from this candle and it gets cold.



After 2 minutes



After 5 minutes

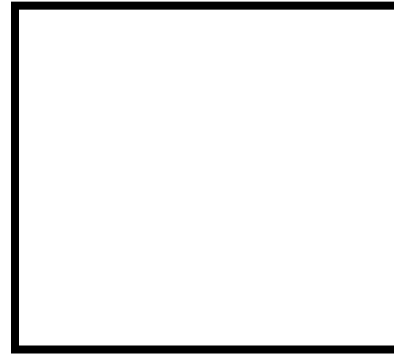
Describe what will happen to the candle if heat is **removed**.

I think that if heat is **removed** to the candle \_\_\_\_\_

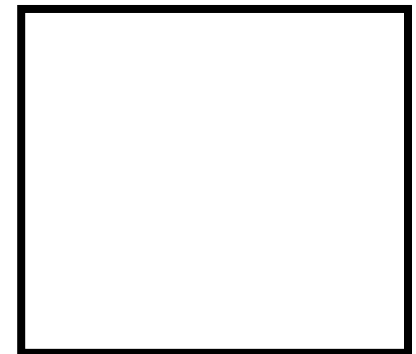
\_\_\_\_\_

## Marshmallow

Draw pictures to describe what you think would happen if heat is **removed** from this marshmallow and it gets cold.



After 2 minutes



After 5 minutes

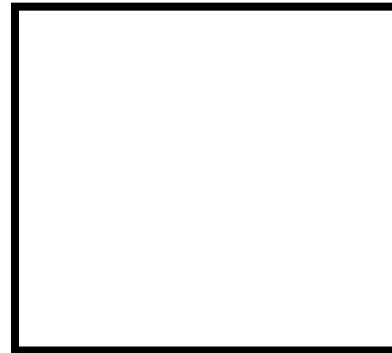
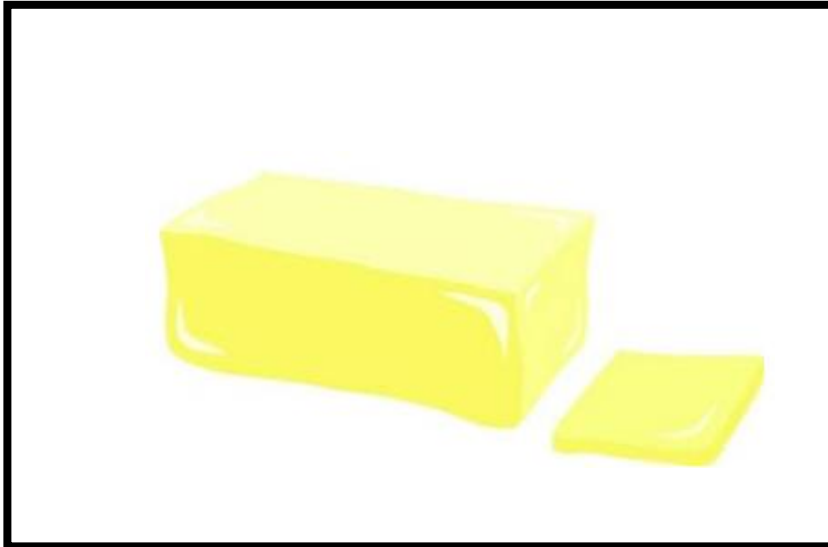
Describe what will happen to the marshmallow if heat is **removed**.

I think that if heat is **removed** to the marshmallow \_\_\_\_\_

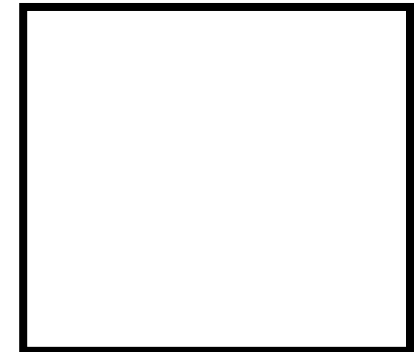
\_\_\_\_\_

# Butter

Draw pictures to describe what you think would happen if heat is **removed** from this butter and it gets cold.



After 2 minutes



After 5 minutes

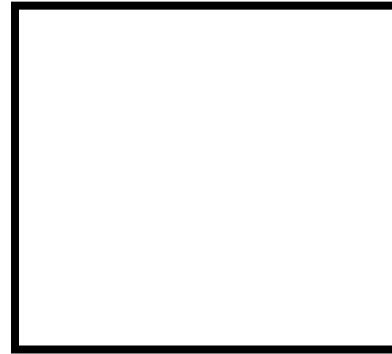
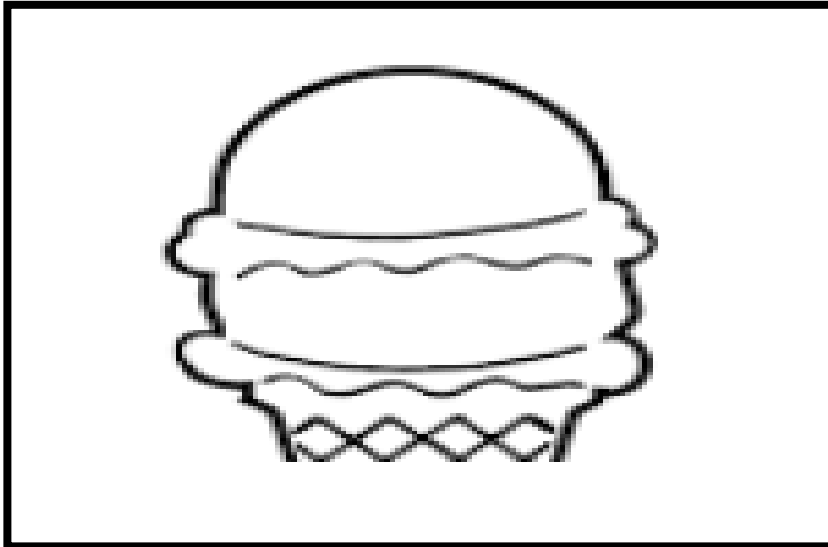
Describe what will happen to the butter if heat is **removed**.

I think that if heat is **removed** to the butter \_\_\_\_\_

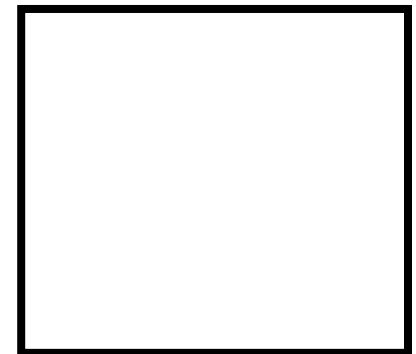
\_\_\_\_\_

## Ice Cream

Draw pictures to describe what you think would happen if heat is **removed** from this ice cream and it gets cold.



After 2 minutes



After 5 minutes

Describe what will happen to the ice cream if heat is **removed**.

I think that if heat is **removed** to the ice cream \_\_\_\_\_

\_\_\_\_\_