

Science

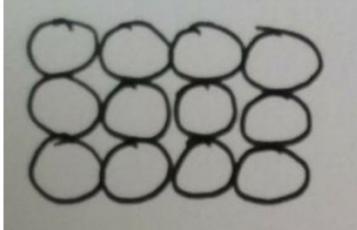
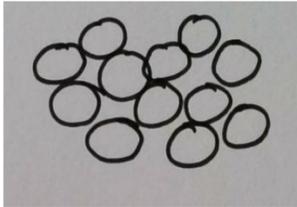
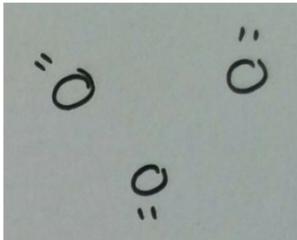
# What is the difference between physical and chemical changes?

## Downloadable Resource

Miss Couves



# Properties of solids, liquids and gases

State of matter	Can be compressed	Can flow	Can change shape
Solid 			
Liquid 			
Gas 			

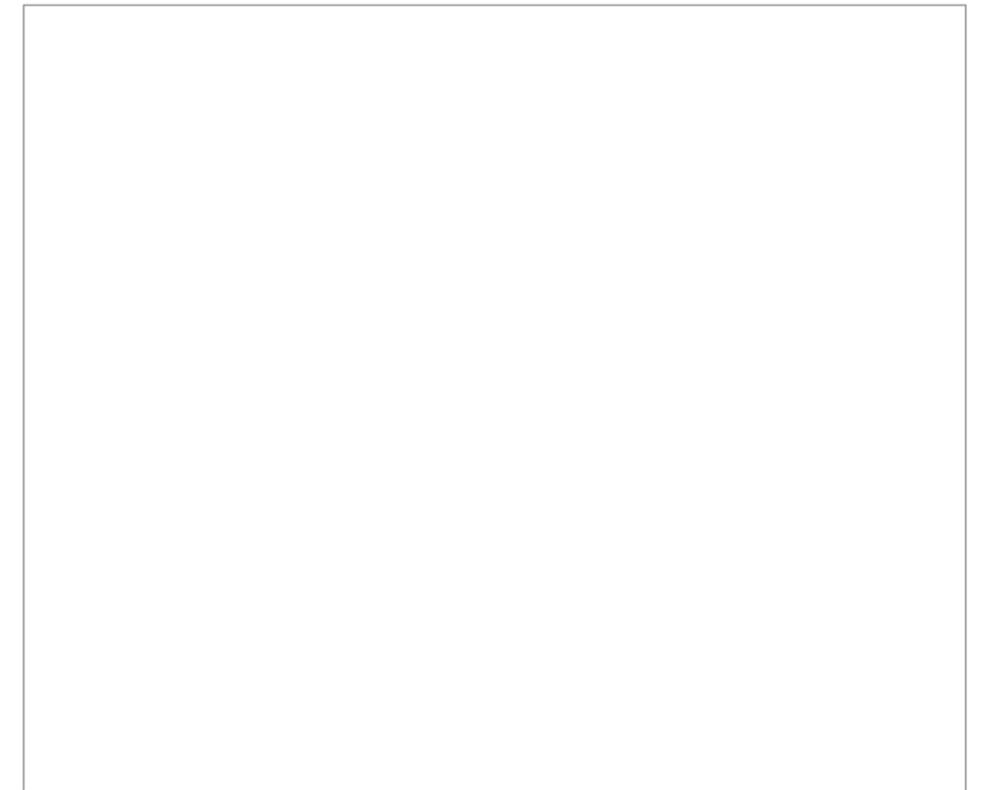
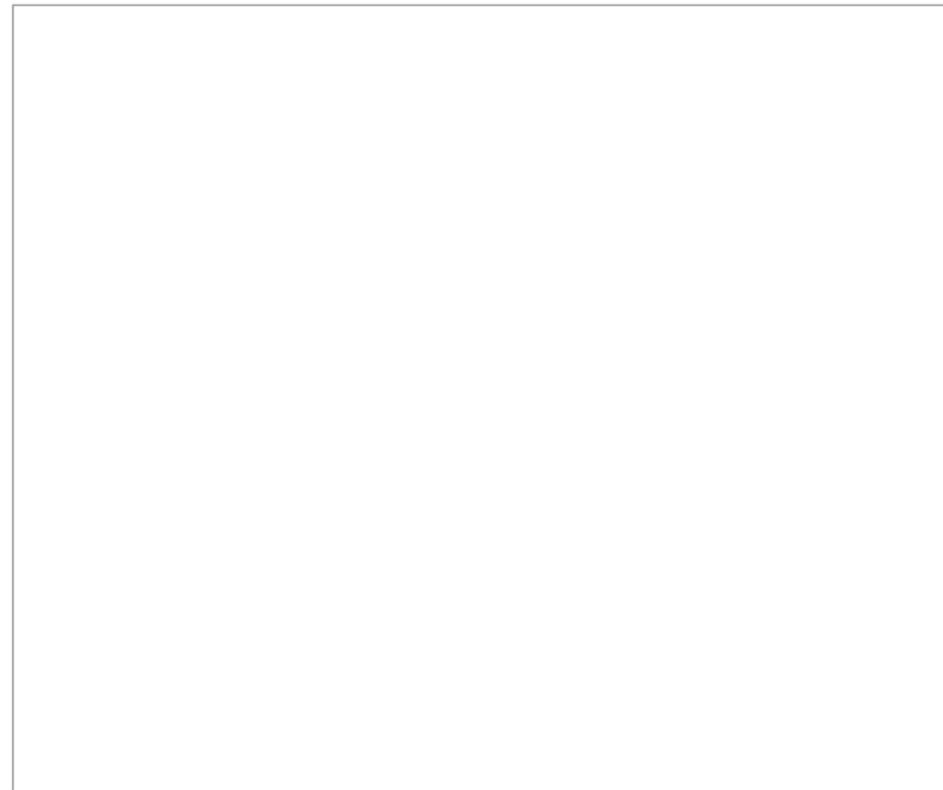
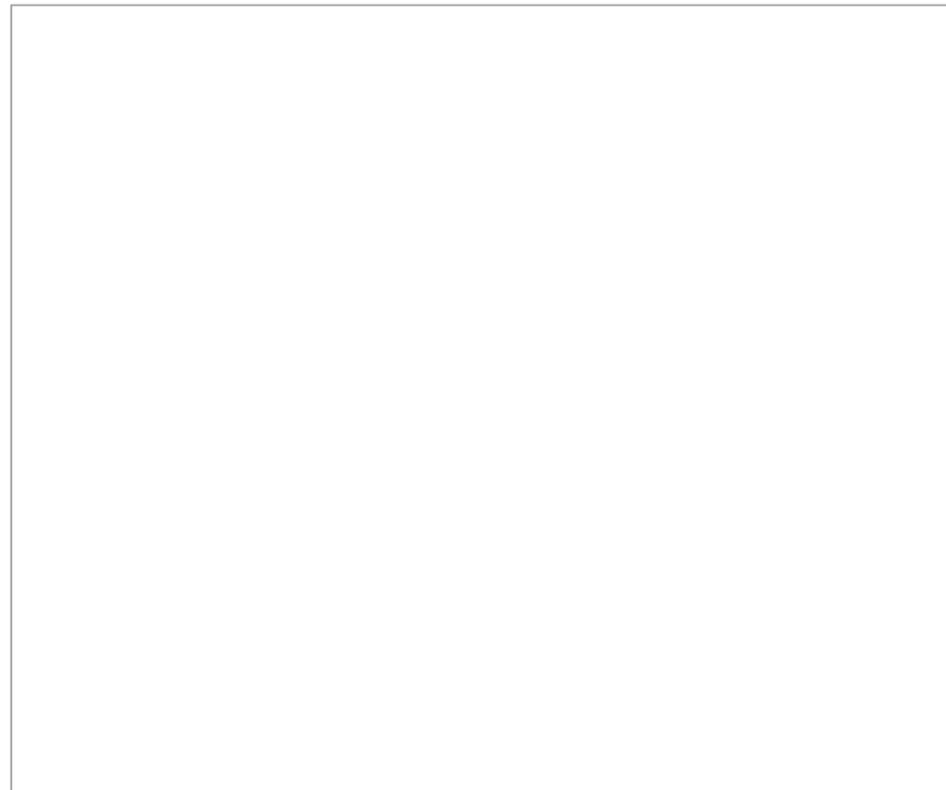


# Complete the diagram in your notes:

**Solid**

**Liquid**

**Gas**



\_\_\_\_\_ temperature - particles have \_\_\_\_\_

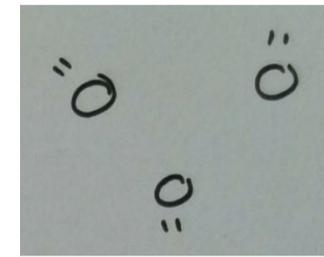
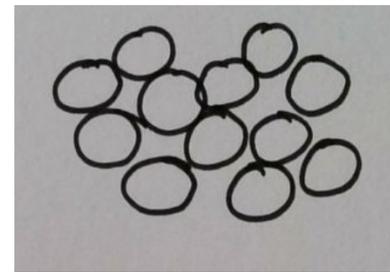
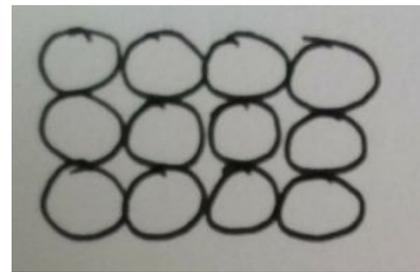


# Which state change does each arrow represent?

Solid

Liquid

Gas



# What is a physical change?

A change in the \_\_\_\_\_ or \_\_\_\_\_ of a substance.

## Ice cream melting



## Paper tearing



## Glass smashing



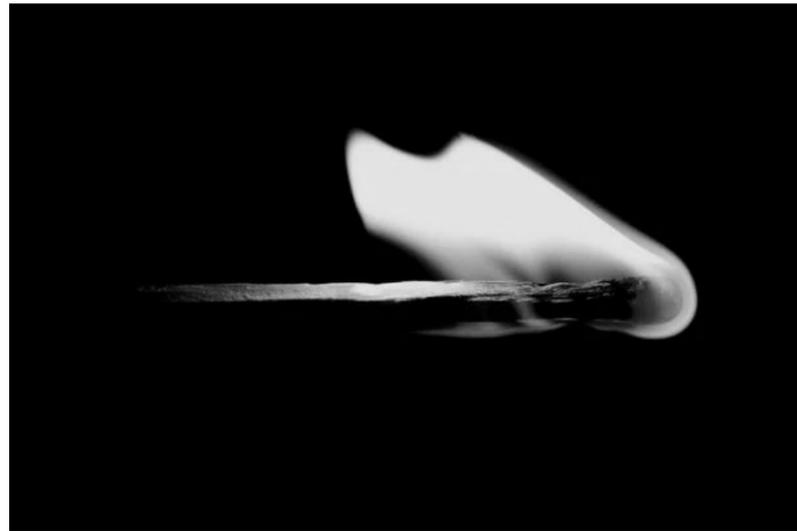
Credit: Images from Unsplash



# What is a chemical reaction?

A change that \_\_\_\_\_.

## A match burning



## A cake baking



## A bike rusting

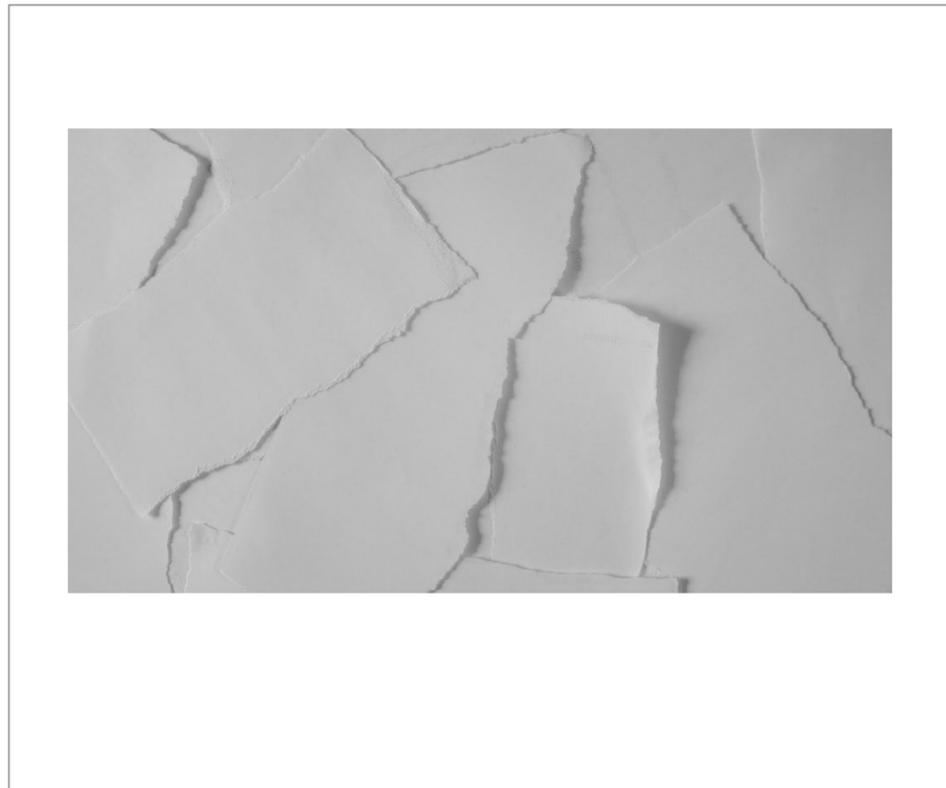


Credit: Images from Unsplash



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Credit: Images from Unsplash



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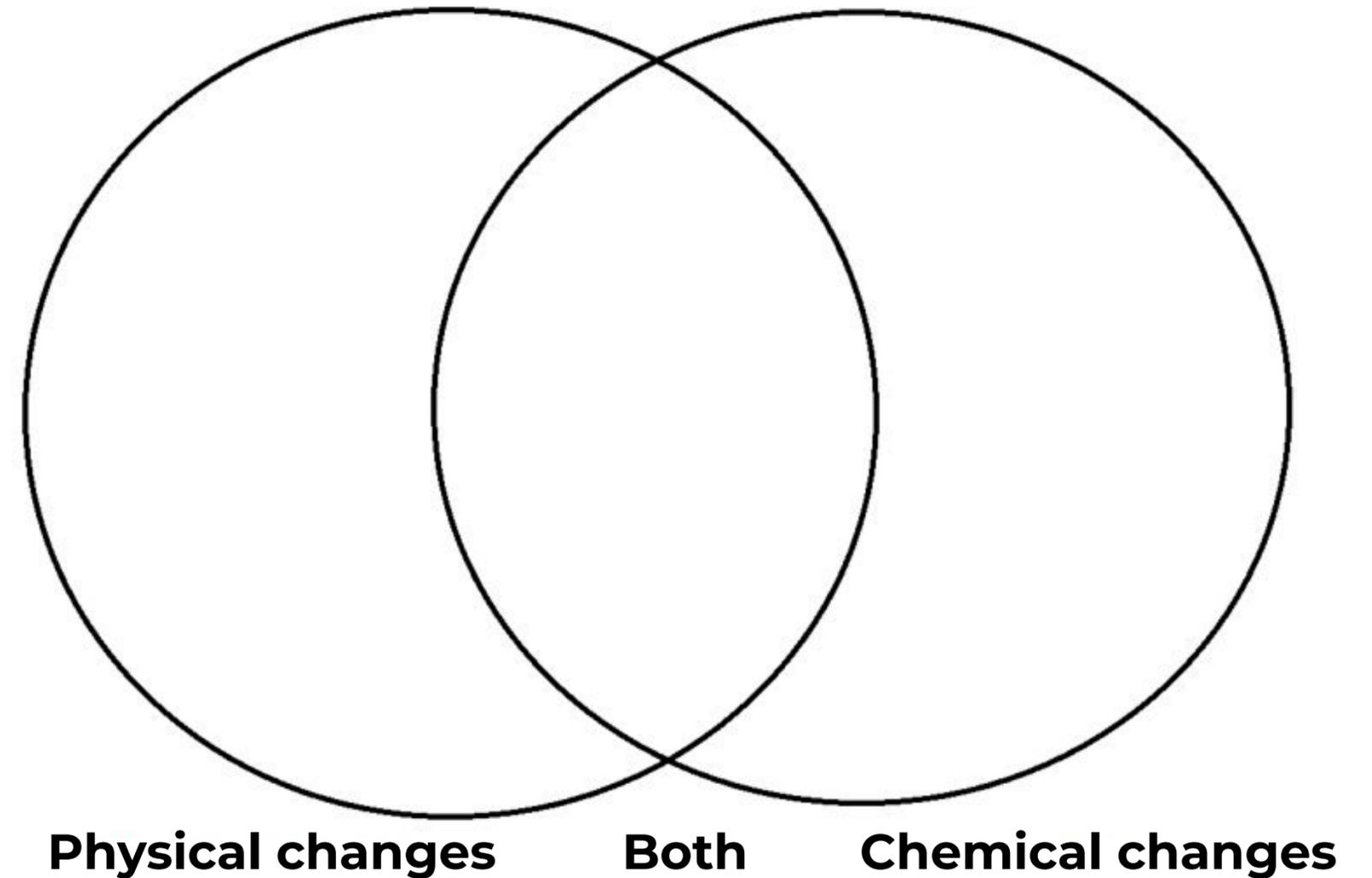


Credit: Images from Unsplash



# Copy and complete the Venn diagram in your notes:

1. A new substance is produced.
2. The same substance changes form.
3. There is a change in appearance.
4. Difficult to reverse.
5. Easy to reverse.



# Copy and complete the sentences:

1. Making toast is a \_\_\_\_\_ because...
2. Snow melting is a \_\_\_\_\_ because...
3. A firework exploding is a \_\_\_\_\_ because...
4. A car rusting is a \_\_\_\_\_ because...
5. A puddle evaporating is a \_\_\_\_\_ because...
6. A fire burning is a \_\_\_\_\_ because...

