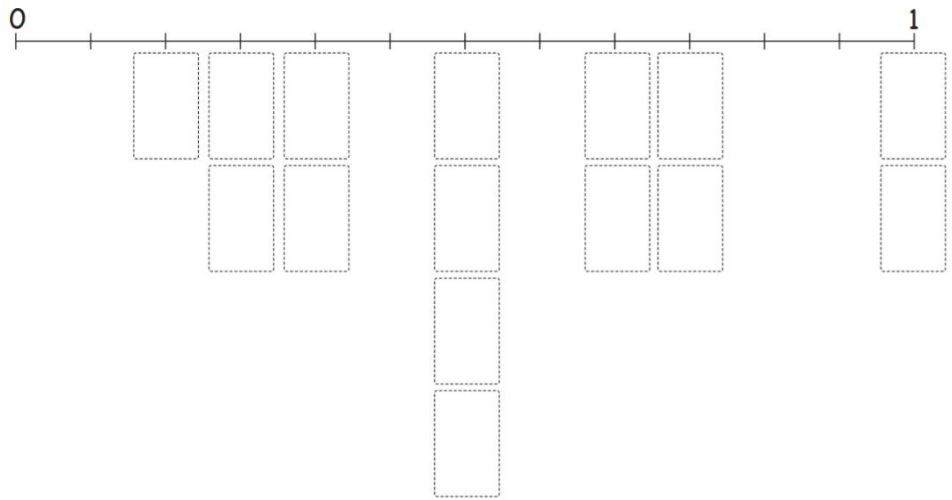


2.



3. Usint the image below, how many different ways can you find to write $\frac{1}{2}$?
From the picture, what equivalent fractions for $\frac{1}{3}$ can you find?
Again, using the image of the fraction wall how else could you write $\frac{3}{4}$?
Can you find “rules for working out equivalent fractions?”



Challenge

1. Write down ten fractions between $\frac{1}{3}$ and $\frac{2}{3}$.
2. Two fractions add to give $\frac{1}{2}$, what might those two fractions be?
3. Write some different stories about $3 \div \frac{1}{2}$. Stories like ‘ I had \$3 and gave $\frac{1}{2}$ to my friend are **not** appropriate.

Science

1hr total

Matter is the word we give to all the different substances in the world. One way we can change matter is by heating it up or cooling it down.

Some changes are **reversible**. We can get the original matter back again.

Out of the freezer, ice cream can melt and become liquid. We can make it solid again by putting it back in the freezer.

Sometimes heating matter causes an **irreversible** change. We can't get the original matter back again, because a new substance has been formed.

Heating eggs in a fry pan turns the runny egg white into a solid mass. We can't get the original runny egg white back again.



Look at this picture:

What irreversible changes can you see happening in this photo?

Which reversible change do you think might happen?

Write your answers in your book.



Watch the youtube video:

https://www.youtube.com/watch?v=37pir0ej_SE

Divide your page in half and list chemical and physical changes you have witnessed in your lifetime?

HASS

1hr total

Historians often need to research two positions to understand the different points of views of people in the past. By the late 1800's, many people thought the Australian Colonies should combine to create a nation. However, there were others who were against combining.

Visit the website and read reasons for and against uniting

https://www.civicsandcitizenship.edu.au/cce/federation_fast_facts,9276.html

Complete further research looking for additional materials such as cartoons and posters.

Using your researched information, in your own words, compose an argument for and against federation. Remember.....

Persuasive arguments need emotive words and convincing statements.

Health

What am I drinking?

In your book, complete the first three columns of a **KWHL** table about drink products. There is an example below to help you get started. At the end of the Term 1 Health unit, you will come back to this table, complete the last column and reflect on your drink-product choices:

What I Know about drink products	What I Want to know	How I can I find out	What I Learned
Some drinks are healthy and some are unhealthy	Which ingredients make a drink healthy or unhealthy	Research on the internet	