I can understand the equals symbol.
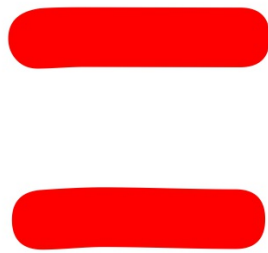
★ I can explain my reasoning using mathematical language.

★★★ I can read the equals symbol in different number sentences and use it to help me find a missing number.

★★ I understand what the equals symbol represents.

★ I recognise the equals symbol and know other words for it.

What does this symbol mean?

=

the same as

equals

balanced

In a number sentence it can look like this:

$$5 + 3 = 8$$

The numbers on one side of the equals sign is the same as the numbers on the other side.

"5 and 3 together in a group is the same as a group of 8."

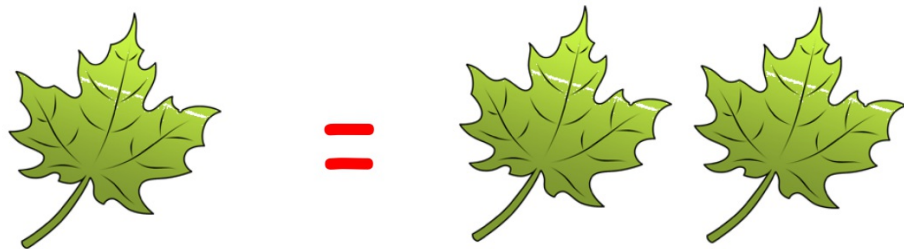Watch this video and follow along. Pause to discuss what it is showing you at any point.

https://www.youtube.com/watch?v=3FDIXz0AFCA

__ is the same as __.
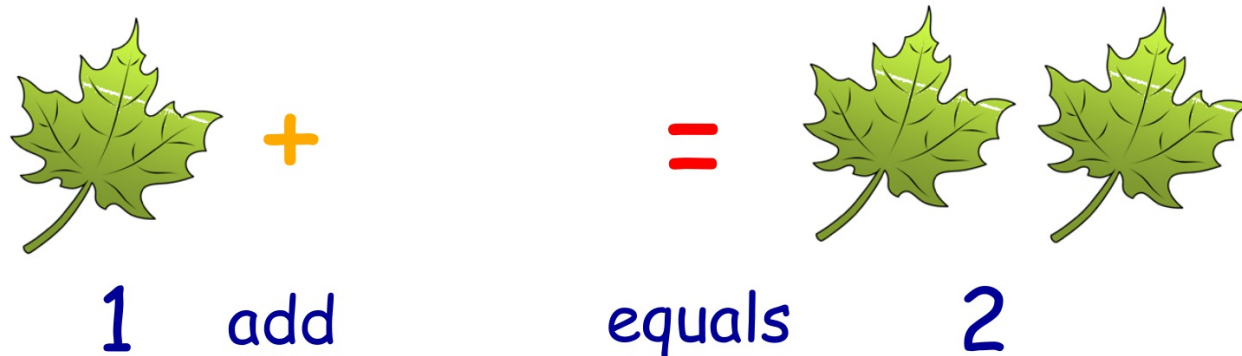
"1 equals 1"

Is this correct? Explain why.

"1 equals 2"

No it doesn't!
They are not the same.

To make each side equal we have to add another number to make them the same.

1   add   equals   2

How would we make this equal?

Are both these sides equal?
Fill in the missing number to
make both sides the same.

● ● **+**   **=** ● ●
                          ● ●

Write the
number
sentence:

Let's try another one. Are both sides the same? Are they equal?

$$4 = 5$$

How would we make them equal?

$4 + \underline{} = 5$ $4 = 5 - \underline{}$

Read this aloud. Are they equal?

3 + 4 = 6 + 2
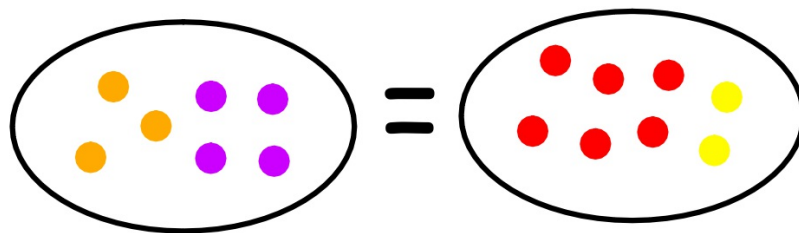
How could you make them equal?

Your turn!

Find out if these answers are true or false by putting a cross or tick next to each one.

Challenge: Using mathematical langauge explain how you know.

Choose the correct answer here and write a sentence to explain how you know.

"It is ___ because...."

True or false?

$5 + 3 = 8 + 1$

$8 = 5 + 3$

$5 + 3 = 3 + 5$

True or false?

$4 = 3 + 1$

$4 = 4$

$2 + 2 = 4 + 1$

Which answer?

$3 + 2 = \boxed{} + 1$

$\boxed{5}$ $\boxed{6}$ $\boxed{4}$