

# Our Learning Keys

## Fractions

Maths

Year 4

Spring

Weeks 6-9

### Questions

Has the whole been divided into equal parts? How do you know?

How many more parts are needed to make the whole?

What is a whole plus  $\frac{1}{3}$ ?

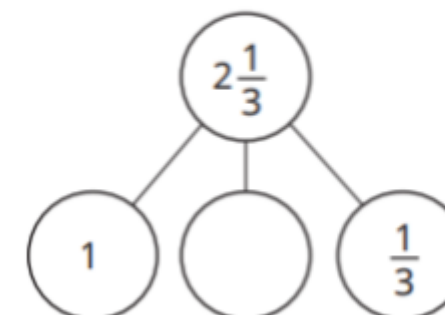
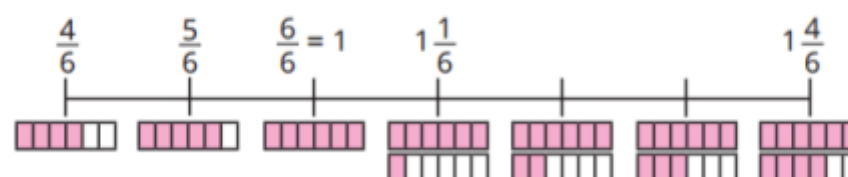
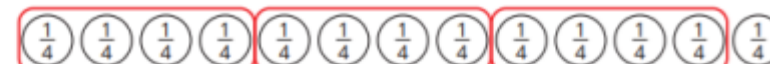
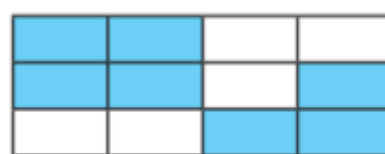
How can you partition a mixed number into a whole and a fraction?

What is each interval worth on the number line?

Which is the greater fraction? How do you know?

What is the same about mixed numbers and improper fractions? What is different?

### Images



### Facts

- ☐ Understand the whole
- ☐ Count beyond 1
- ☐ Partition a mixed number
- ☐ Number lines with mixed numbers
- ☐ Compare and order mixed numbers
- ☐ Understand improper fractions
- ☐ Convert mixed numbers into improper fractions and vice versa
- ☐ Equivalent fractions on a number line
- ☐ Add two or more fractions
- ☐ Add fractions and mixed numbers
- ☐ Subtract two fractions
- ☐ Subtract from whole and mixed numbers

Previously...

In Year 3, children will have looked at unit and non-unit fractions. They will have calculated fractions of amounts and quantity.

Year 4  
Fractions

Next...

In Year 5, children will move onto multiplying fractions.

### Links

Science:  
Analysing  
results

Geography:  
Field trip:  
mapping areas.

Doors this will open...

Construction  
Surveying  
Architecture  
Engineering  
Statistics  
Data Analysis  
Banking  
Trading

### Vocabulary

Whole, equal parts,  
mixed number,  
improper fraction,  
numerator,  
denominator,  
interval, worth, divide