



FRACTIONS

KNOWLEDGE ORGANISER

Year 1



Overview



Fractions we learn to:

-Find a Half

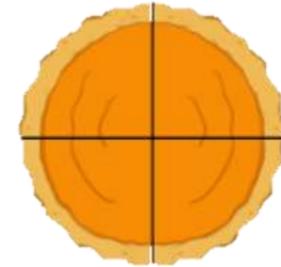
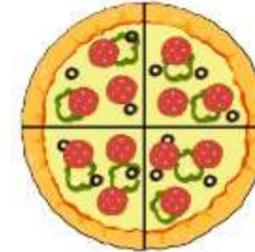
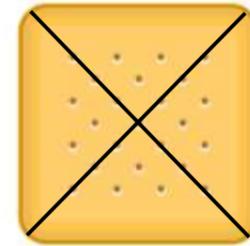
-Find a Quarter

This learning is important because...

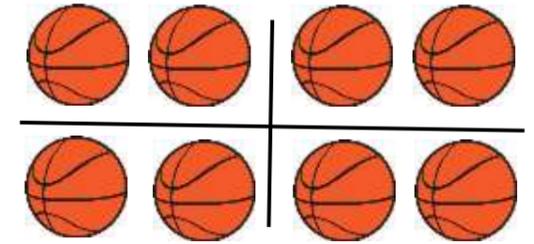
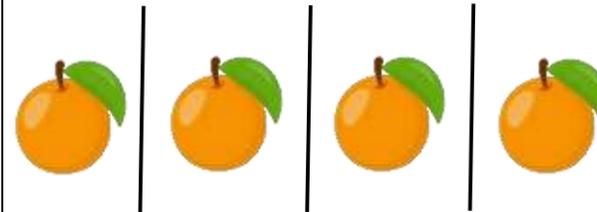
it helps us to understand the parts that can make up a whole amount. This is needed in lots of areas of life (e.g. sharing, cooking, making). Fractions are the building blocks of other learning in maths.

Find a Quarter

Objects can be split into quarters. This means that they are split into four equal parts.

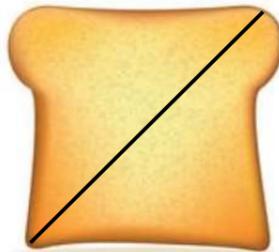
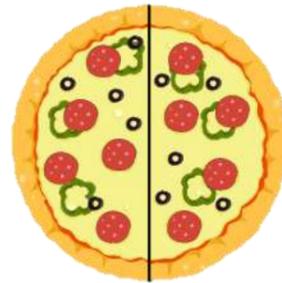
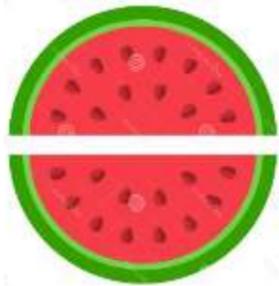


Groups of objects can also be split into quarters. They are shared into four equal groups.

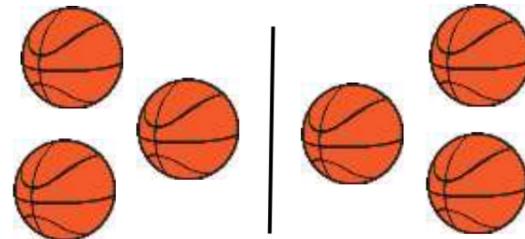


Find a Half

Objects can be split in half. This means that they are split into two equal parts.



Groups of objects can also be split in half. They are shared into two equal groups.



Capacity and Fractions

We can find the fraction of the capacity of an object.



empty



quarter full



half full



three-quarters full



full

E.g. If the capacity is 8ml, half full = 4ml, quarter full = 2ml, three-quarters full = 6ml.

Key Vocabulary

Fraction

Part

Whole

Share

Amount

Half

Quarter

Capacity

Equal