Year 3
Maths
16.11.2020

Lesson Aims

- LO: To understand fractions are part of a whole.

- SC: I can count how many parts in total (denominator).

- I can count/shade how many parts we are looking at (numerator).

- I can read and write fractions.

Fluency Starter

- **Estimating**

- **What does estimating mean?**

- You can use estimation to get a rough idea of a calculation. Rounding the numbers to make it easier.

- When rounding to the nearest 10, if the number ends in 0,1, 2, 3, 4 you round **down.**

- **I**f the number ends in 5, 6, 7, 8, 9 you round **up.**

Which of these calculations gives an answer of about 20?

$14 + 15 =$

$7 + 6 =$

$11 + 8 =$

Fluency Starter Answers

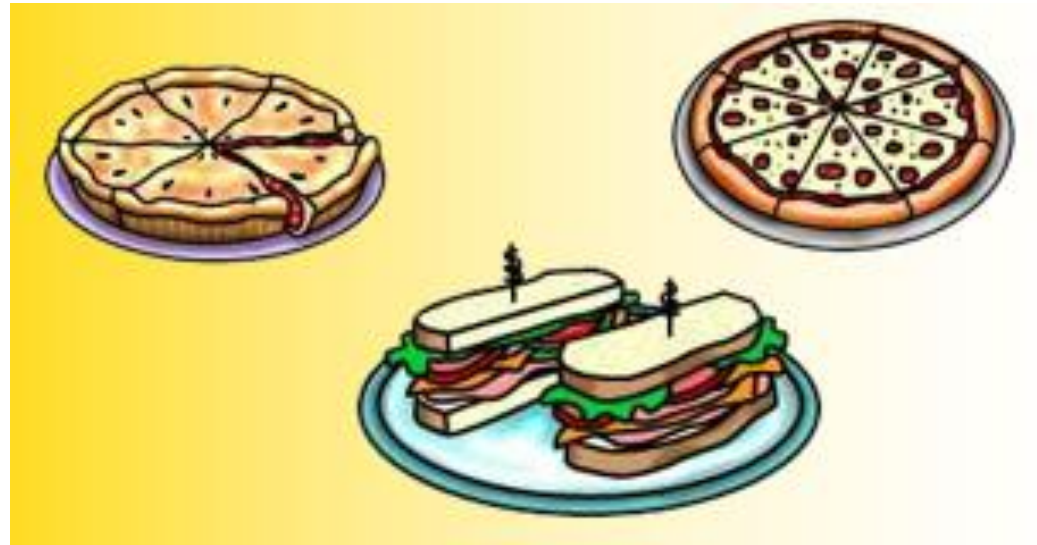Which of these calculations gives an answer of about 20?

14 + 15 = 29
7 + 6 = 13
11 + 8 = **19**

Using our knowledge of rounding, 11 + 8 = 19 has the answer nearest to 20.
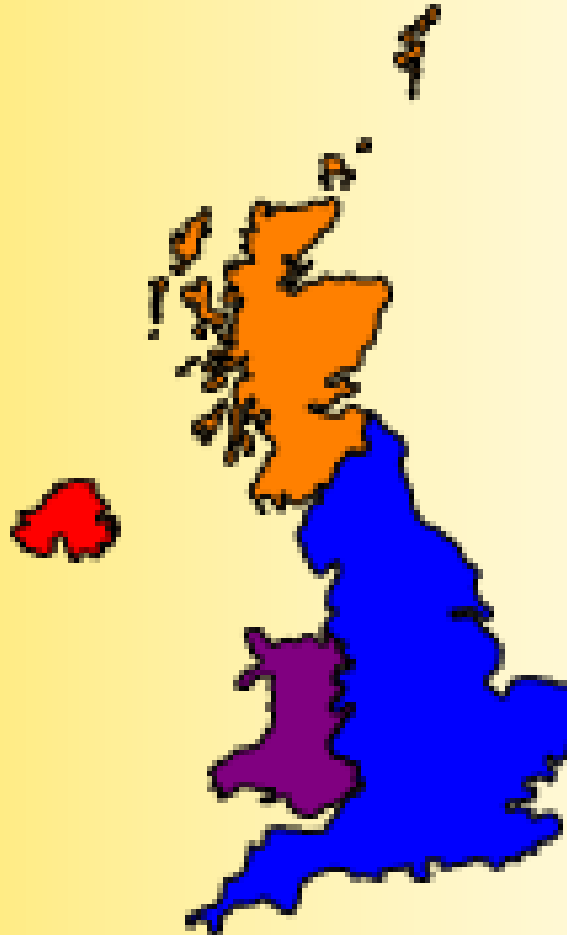
Main Teaching

- What is a fraction?

- A fraction is part of a whole.

- This food is cut into parts, each one is a fraction as it is part of the whole.

Fluency

How does a map of the UK show relate to fractions?

Fluency

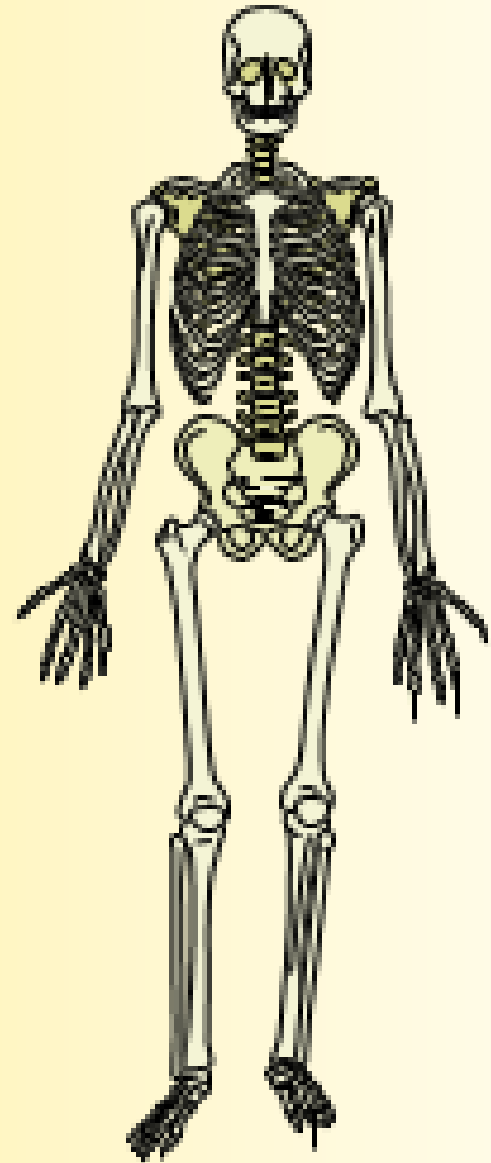

How does a map of the UK show relate to fractions?

- The UK is the whole. England is one part of the UK.

Fluency

- What about a skeleton?

- The skeleton is a whole.
- The skull is part of the whole.

Fluency

- What about a set of 3D shapes?

Fluency

- What about a set of 3D shapes?

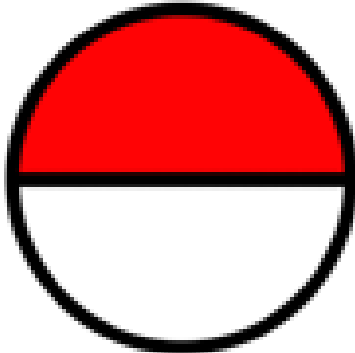- The set of shapes is the whole.
- The red shapes are part of the set.

Fluency

- What is the top number of a fraction called?

$$\frac{1}{2}$$

one-half

Fluency

• What is the top number of a fraction called?

$$\frac{1}{2}$$

one-half

numerator

Fluency

- What is the top number of a fraction called?
- What is the bottom number of a fraction called?

numerator

$$\frac{1}{2}$$

one-half

Fluency

- What is the top number of a fraction called?
- What is the bottom number of a fraction called?

numerator

$$\frac{1}{2}$$

one-half

denominator

Fluency

- What fraction is shaded?

Fluency
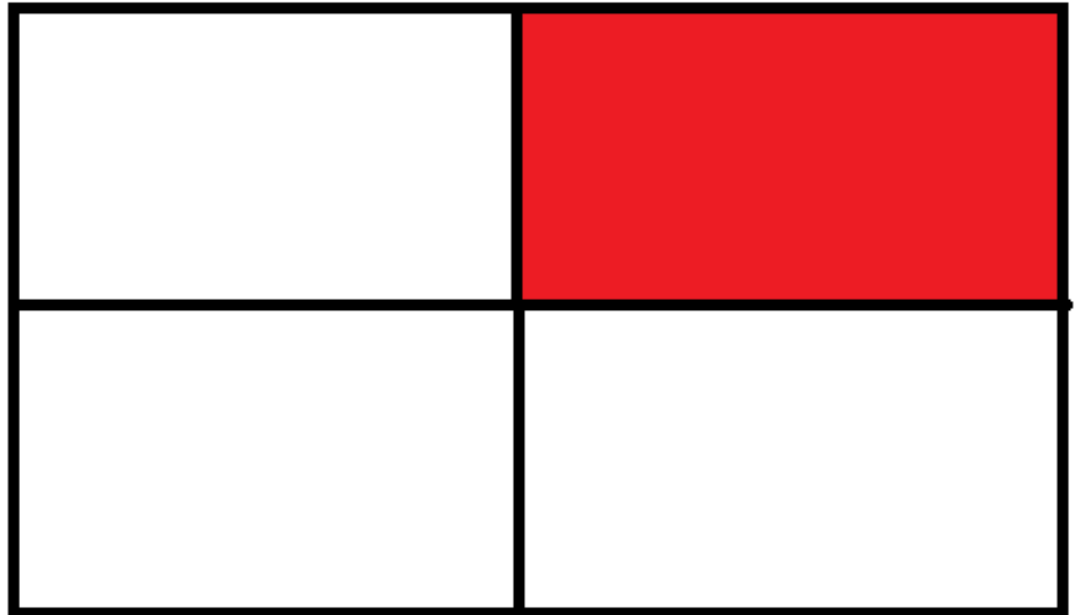
- What fraction is shaded?

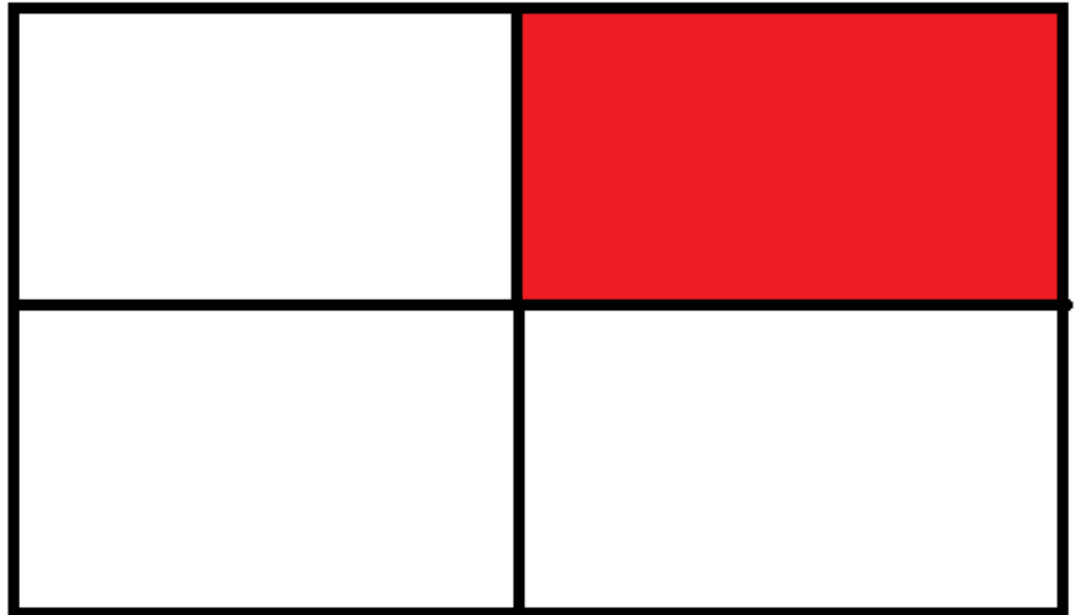- ½ Two parts make the whole and one part is shaded, so that is called a half.

Fluency

- What fraction is shaded?

Fluency

- What fraction is shaded?

- ¼ Four parts make the whole and one part is shaded, so that is called a quarter.

Activity

- Cut out the shapes on the sheets.
- Sort them into groups.
- How have you sorted them?
- Can you sort them another way?
- What fractions have your created?
- What fractions can you see?

- We would love to see photos of how you sort the fractions. Please ask your parent or carer to email us some photos.