Year 4 Maths, 1/2/21

RECALL

- What are equivalent fractions?
- How many of these fractions are equivalent to a half? How do you know?



• The circled fractions are equivalent to a half.







Did you also notice that in each fraction that is equivalent to a half, the numerator is half of the denominator!

Learning Objective:

•I can recognise and calculate equivalent fractions.

SOME WILL EVEN use multiplication and division to find equivalent fractions with larger denominators

SOME will calculate equivalent fractions

MOST will show equivalent fractions using shapes

ALL will recognise and calculate fractions equivalent to a half

Guided practice



Look at these two shapes. What fraction of each is shaded?

Which one is equivalent to a half?

How do you know?

Guided practice answer



Two out of six parts are shaded.

If I compare this fraction to a half, I can see that the numerator and denominator have been multiplied by different amounts. That means they are not equivalent fractions.

One chilli

Write down the fraction shown by each shape.

Compare each fraction to a half. If the numerator and denominator have been multiplied by the same number, the fraction is equivalent to a half.



Circle the shapes that are equivalent to a half.



One chilli answers



Two chillies

Shade 1/3 of each of these shapes.

What equivalent fraction does each shape show?





Shade 1/4 of each of these shapes.

What equivalent fraction does each shape show?





Three chillies

Calculate the equivalent fractions. Remember that the numerator and denominator must be multiplied by the same number.



Three chillies answers





Dive deeper 3 (mega challenge)

Circle the fractions that are equivalent to a quarter.





Dive deeper 3 (mega challenge)

Circle the fractions that are equivalent to a quarter.





51

206









Self assessment – how did you do?

