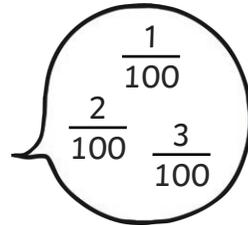**Burning up!** 🌶️🌶️🌶️

Recognise, Name and Write Fractions

Count up and down in hundredths

Add the fractions to the number line. Can you practice counting forwards and backwards?
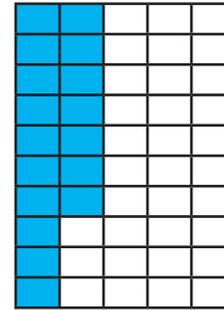
"One hundredth, two hundredths, three hundredths..."

$\frac{1}{100}$

$\frac{2}{100}$ $\frac{3}{100}$

Burning up! 🌶️🌶️🌶️

Recognise, Name and Write Fractions

Apply your understanding that hundredths arise from dividing an object by one hundred

How does this diagram show $\frac{34}{100}$

Burning up! 🌶️🌶️🌶️

Recognise, Name and Write Fractions

...and dividing tenths by ten

Divide $\frac{7}{10}$ by 10

$\frac{7}{10} \div 10 =$

Think how this be demonstrated using a metre ruler

Burning up! 🌶️🌶️🌶️

Rounding

Round decimals with one decimal place to the nearest whole number

Explain why 1.5 rounds to 2

Burning up! 🌶️🌶️🌶️

Equivalence

Recognise families of common equivalent

Write equivalent fractions to $\frac{3}{5}$

twinkl.com

Burning up! 🌶️🌶️🌶️

Equivalence

Recognise and write decimal equivalents of any number of tenths or hundredths

Write the equivalent decimals

$\frac{2}{10}$ = $\qquad$ $\frac{23}{100}$ =

twinkl.com

Burning up! 🌶️🌶️🌶️

Equivalence

Recognise and write decimal equivalents to

$\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$

using them in real life examples

$\frac{3}{4}$ of 1kg =

twinkl.com

Burning up! 🌶️🌶️🌶️

Compare and Order

Compare numbers with the same number of decimal places, explaining your answer

Why is 0.39 > 0.33?

twinkl.com

Calculate

Add and subtract fractions with the same denominator, using knowledge of common equivalents to write the answers in a simpler form

Add and subtract the following fractions.
Can you write an equivalent fraction for each answer?

$$\frac{5}{16} + \frac{4}{16} + \frac{3}{16} = \quad =$$

$$\frac{11}{16} - \frac{5}{16} = \quad =$$

Calculate

Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tens and hundredths

Explain what happens to the tens and ones when
$23 ÷ 100 = 0.23$

Solve Problems

Solve problems that involve increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Explain why $\frac{7}{8}$ of 24 = $\frac{3}{4}$ of 28

Solve Problems

Solve simple measure and money problems involving fractions and decimals to two decimal places

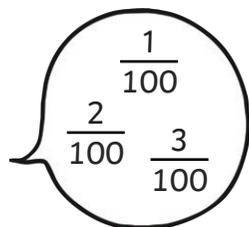2l of lemonade costs £1.24. How much lemonade is in $\frac{3}{4}$ of the bottle and how much is it worth?

Recognise, Name and Write Fractions

Count up and down in hundredths

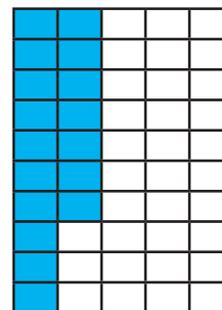Add the fractions to the number line. Can you practice counting forwards and backwards?

"One hundredth, two hundredths, three hundredths..."

$\dfrac{1}{100}$

$\dfrac{2}{100}$ $\dfrac{3}{100}$

Recognise, Name and Write Fractions

Apply your understanding that hundredths arise from dividing an object by one hundred

How does this diagram show $\dfrac{34}{100}$

Should refer to the fact that 17 out of 50 rectangles are coloured in so when this is multiplied by 2, 34 out of 100 rectangles are shaded.

Recognise, Name and Write Fractions

...and dividing tenths by ten

Divide $\dfrac{7}{10}$ by 10

$$\dfrac{7}{10} \div 10 = \dfrac{\mathbf{7}}{\mathbf{100}}$$

Answer: Should refer to the fact dividing any number by 10 makes it smaller, with all digits moving one place to the right.

Think how this be demonstrated using a metre ruler

Rounding

Round decimals with one decimal place to the nearest whole number

Explain why 1.5 rounds to 2

Answer: Should refer to the fact that any number ending in 5 or more is rounded up to the next whole number. Any number ending in 4 or less, it is rounded down.

Equivalence

Recognise families of common equivalent

Write equivalent fractions to $\frac{3}{5}$

$$\frac{3}{5} = \frac{6}{10} = \frac{9}{15} = \frac{12}{20}$$

Equivalence

Recognise and write decimal equivalents of any number of tenths or hundredths

Write the equivalent decimals

$$\frac{2}{10} = \textbf{0.2} \quad \text{and} \quad \frac{23}{100} = \textbf{0.23}$$

Equivalence

Recognise and write decimal equivalents to

$$\frac{1}{4} \ , \ \frac{1}{2} \ , \ \frac{3}{4}$$

using them in real life examples

$$\frac{3}{4} \text{ of } 1kg = \textbf{0.75kg}$$

Compare and Order

Compare numbers with the same number of decimal places, explaining your answer

Why is 0.39 > 0.33?

It has six hundredths more than 0.33

Calculate

Add and subtract fractions with the same denominator, using knowledge of common equivalents to write the answers in a simpler form

Add and subtract the following fractions.
Can you write an equivalent fraction for each answer?

$$\frac{5}{16} + \frac{4}{16} + \frac{3}{16} = \frac{12}{16} = \frac{3}{4}$$

$$\frac{11}{16} - \frac{5}{16} = \frac{6}{16} = \frac{3}{8}$$

Calculate

Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tens and hundredths

Explain what happens to the tens and ones when
$23 \div 100 = 0.23$

Answer: Should explain that when a number is divided by 100, the decimal point moves 2 places to the left, making the number smaller.

Solve Problems

Solve problems that involve increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Explain why $\frac{7}{8}$ of 24 = $\frac{3}{4}$ of 28

Answer: Should explain that $\frac{7}{8}$ of 28 = 21 and $\frac{7}{8}$ of 24 = 21, making the fractions equivalent.

Solve Problems

Solve simple measure and money problems involving fractions and decimals to two decimal places

2l of lemonade costs £1.24. How much lemonade is in $\frac{3}{4}$ of the bottle and how much is it worth?

1.5l and £0.93