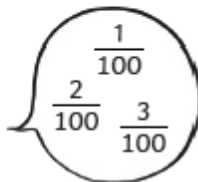


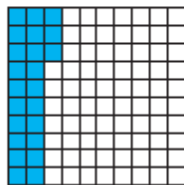
Recognise, Name and Write Fractions

Count up and down in hundredths

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

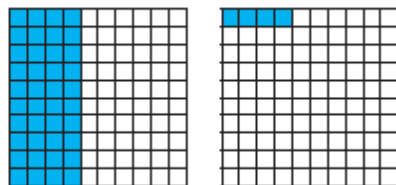


Recognise that hundredths arise from dividing an object by one hundred



$$\frac{23}{100}$$

...and dividing tenths by ten



$$\frac{4}{10} \div 10 = \frac{4}{100}$$

Compare and Order

Compare numbers with the same number of decimal places

$$0.6 < 0.9 \quad 0.45 > 0.43$$

Fractions Mat

Expected Year 4

Equivalence

Recognise and show, using diagrams, families of common equivalent



$$\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12}$$

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

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

Recognise and write decimal equivalents to

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

$$\frac{1}{4} = 0.25, \quad \frac{1}{2} = 0.5, \quad \frac{3}{4} = 0.75$$

Rounding

Round decimals with one decimal place to the nearest whole number

$$1.5 \text{ rounds to } 2$$

$$5.4 \text{ rounds to } 5$$

Calculate

Add and subtract fractions with the same denominator

$$\frac{5}{16} + \frac{4}{16} = \frac{9}{16} \quad \frac{11}{16} - \frac{5}{16} = \frac{6}{16}$$

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

$$23 \div 100 = 0.23$$

tenth hundredth

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

Use the symbols $<$, $=$ or $>$ to compare these equations.

$$\frac{2}{3} \text{ of } 24 > \frac{3}{4} \text{ of } 28$$

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

2 litres of juice costs £1.30.
How much does one litre cost?

£0.65 or 65p

