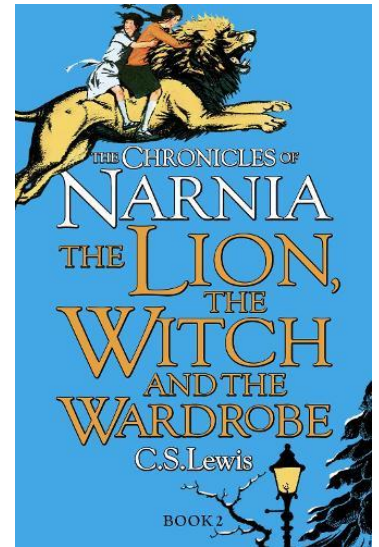


What We Are Learning This Week in Year 5

(Week Commencing 3rd November 2025)

English

This week we will continue to explore instruction texts that will link in with our science lessons. We will attempt to write our own detailed instructions on how to conduct an experiment about solubility that we have completed in our science lessons. Our next topic will be moving onto reading *The Lion, the Witch and the Wardrobe* by C.S. Lewis. We will begin by exploring what it was like for children to live in Britain during WW2 and the experiences of children who were evacuated.



Things to do at home:

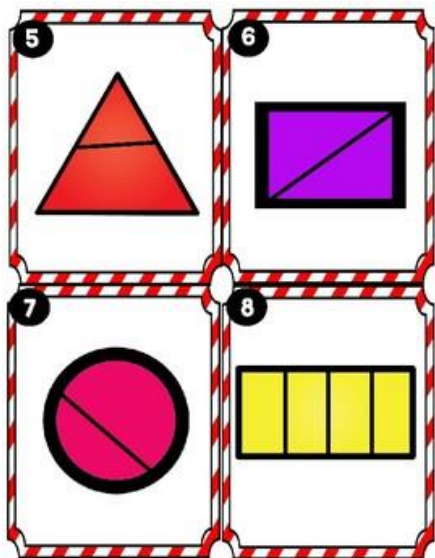
Encourage your child to carry out an investigation to find out about children who were evacuated during WW2 in Britain. [Here](#) are some useful videos for getting started and a useful [website](#) with lots of relevant and easy-to-digest information on this topic.

This week's spellings:

observant	hesitancy	substance
observation	hesitation	substantial
expectant	tolerant	assistant
expectation	tolerance	assistance
hesitant	toleration	

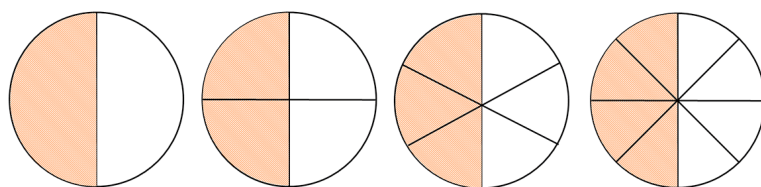
Maths

In the first half of this week, we will be focusing on understanding what fractions are, their value and identifying equivalent fractions. One of the key steps that we will start with is understanding how to draw and name fractions. We will learn that the parts of a fraction must be equal, e.g.:



Diagrams 6 and 8 are split into equal parts so we can describe them using fractions, however as diagrams 5 and 7 are not split into equal parts we cannot describe these using fractions.

We will then move on to comparing equal or equivalent fractions. We will start by using diagrams to help us prove that fractions are equivalent before moving on to using arithmetic methods, and multiplying and dividing. There is an example shown, or you might like to visit [this website](#) for more detail.



$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$$



$$\frac{2}{5} \text{ is equivalent to } \frac{4}{10}$$

x 2

$$\frac{2}{5} \text{ is equivalent to } \frac{4}{10}$$

÷ 2

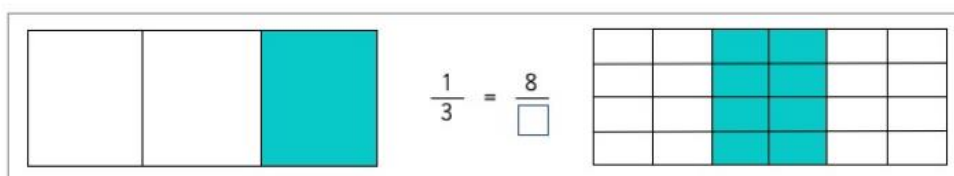
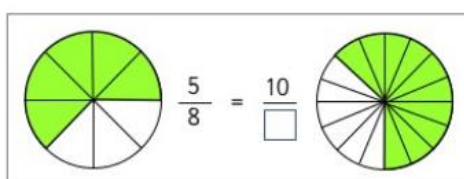
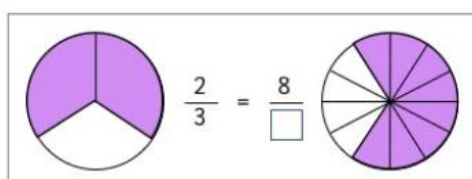
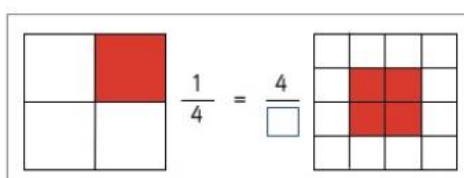
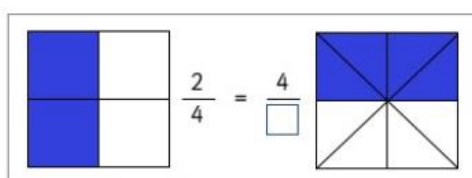
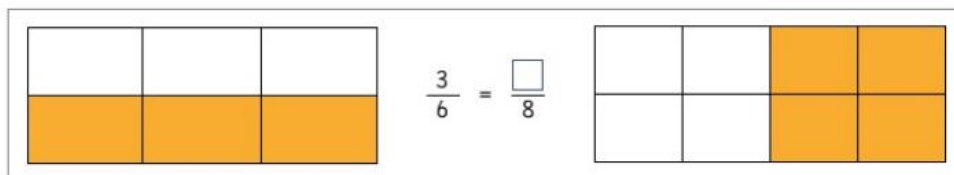
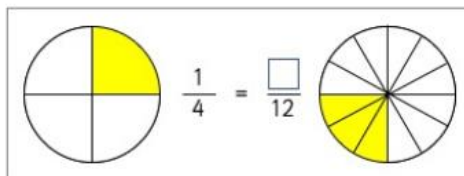
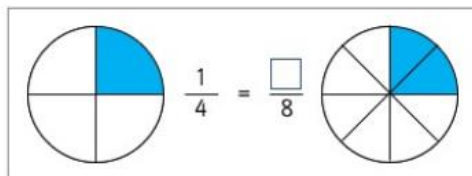
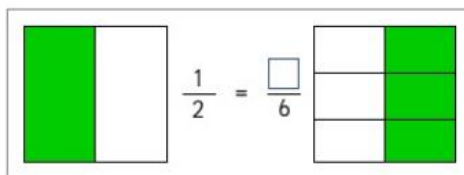
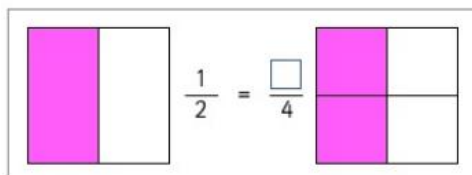
Because I have doubled the number of pieces that the whole is split into (denominator), the number of parts I have (numerator) has also doubled.

Things to do at home:

Try to find the equivalent fractions in one of the tasks on the next page. Task 1 includes diagrams, whereas Task 2 does not – you will need to use multiplication or division to find the equivalent fractions.

Task 1:

Write an equivalent fraction for each of these:



Task 2:

1) $\frac{1}{3} = \frac{}{6}$ 2) $\frac{1}{4} = \frac{}{12}$ 3) $\frac{1}{3} = \frac{}{9}$ 4) $\frac{1}{2} = \frac{}{12}$

5) $\frac{1}{4} = \frac{}{8}$ 6) $\frac{1}{2} = \frac{}{8}$ 7) $\frac{1}{6} = \frac{}{12}$ 8) $\frac{1}{5} = \frac{}{10}$

9) $\frac{2}{2} = \frac{}{4}$ 10) $\frac{3}{4} = \frac{}{8}$ 11) $\frac{2}{3} = \frac{}{6}$ 12) $\frac{2}{4} = \frac{}{12}$

In the second half of the week we will be exploring improper fractions and mixed numbers and how to convert from one to the other. This [website](#) explains how to do so in small, digestible steps. Additionally, below are some worksheets to get practising on how to convert from improper fractions to mixed numbers and vice-versa. The answers are just below each worksheet.

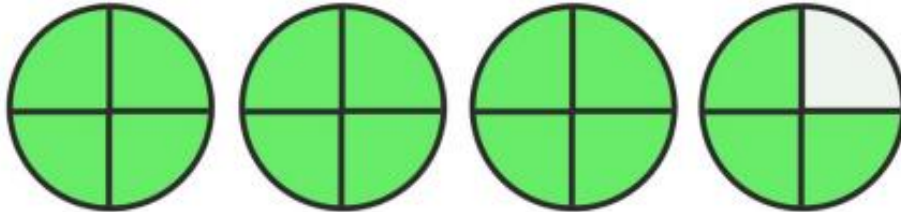
Improper Fractions

4. Write the improper fractions and mixed numbers represented by the shapes below.

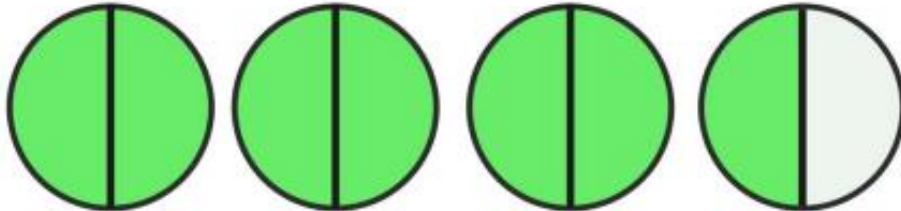
Improper Fraction

Mixed Number

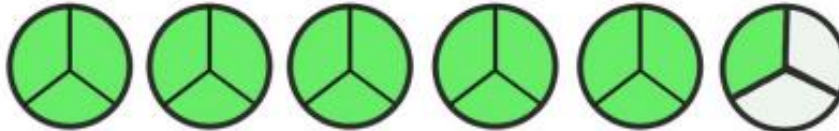
a.



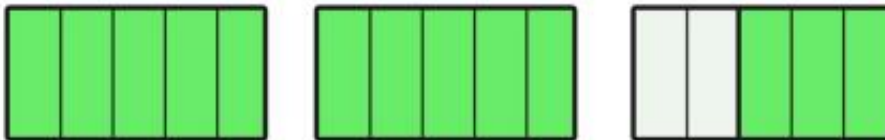
b.



c.



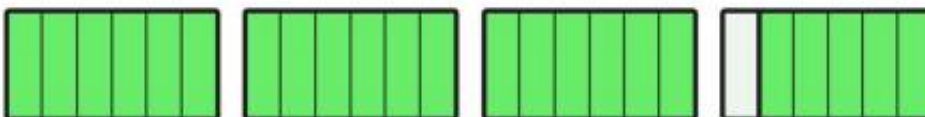
d.



e.

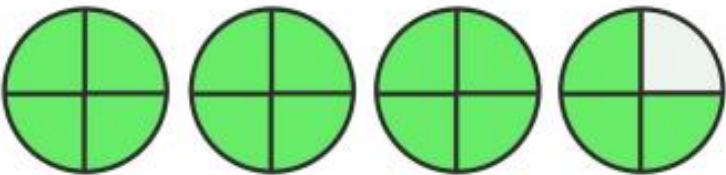
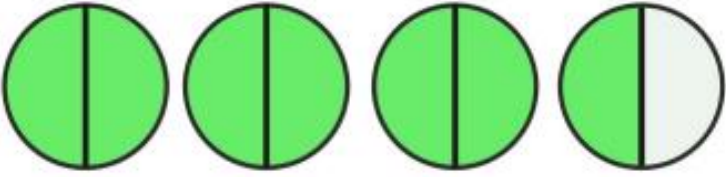
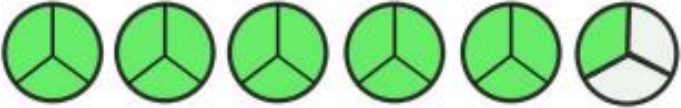
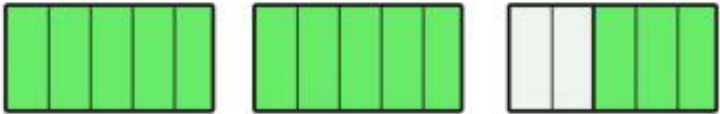
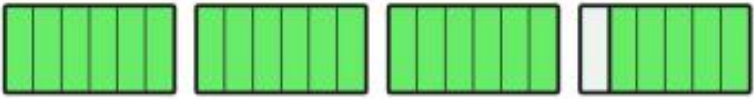


f.



Improper Fractions **Answers**

4. Write the improper fractions and mixed numbers represented by the shapes below.

	Improper Fraction		Mixed Number
a.	$\frac{15}{4}$		$3\frac{3}{4}$
b.	$\frac{7}{2}$		$3\frac{1}{2}$
c.	$\frac{16}{3}$		$5\frac{1}{3}$
d.	$\frac{13}{5}$		$2\frac{3}{5}$
e.	$\frac{19}{8}$		$2\frac{3}{8}$
f.	$\frac{23}{6}$		$3\frac{5}{6}$



Fraction Frenzy

I can convert between mixed number and improper fractions.



Complete the table.

Improper Fraction	Fraction Diagram	Mixed Number
$\frac{17}{3}$		
		$5\frac{1}{4}$
$\frac{38}{6}$		
		$6\frac{3}{7}$
$\frac{69}{9}$		
		$7\frac{3}{5}$



Fraction Frenzy Answers

I can convert between mixed number and improper fractions.



Complete the table.

Improper Fraction	Fraction Diagram	Mixed Number
$\frac{17}{3}$		$5\frac{2}{3}$
$\frac{21}{4}$		$5\frac{1}{4}$
$\frac{32}{5}$		$6\frac{2}{5}$
$\frac{38}{6}$		$6\frac{1}{3}$
$\frac{45}{7}$		$6\frac{3}{7}$
$\frac{45}{8}$		$5\frac{5}{8}$
$\frac{69}{9}$		$7\frac{2}{3}$
$\frac{76}{10}$		$7\frac{3}{5}$

Other Subjects:

In science we will be exploring the process of dissolving different materials in water. We will explore if the temperature of the water affects the speed at which the material dissolves and predict which materials are likely to dissolve.

Things to do at home:

Encourage your child to explore this [website](#) with more information on dissolving and then see if they can predict which materials around the house are soluble or insoluble.