

# Y5 HOME LEARNING

Thursday 25<sup>th</sup> January 2024



Dear Year 5 children and families,  
Home learning is set every Thursday and should be returned the following Thursday. Reading diaries should be signed and returned on **Mondays**.

**Please complete all the tasks set below, producing your best work to show what a star learner you are!**

Please let your teacher know before Thursday if you need any help with the home learning.

You can email photos or work to [y5homelearning@exwickheights.devon.sch.uk](mailto:y5homelearning@exwickheights.devon.sch.uk)

## Main task option 1:

**BIG Garden Birdwatch.** This year's event takes place on 26th to 28th Jan. The RSPB would like you to spend 1 hour watching the birds in your garden or in a green space. They would then like you to send your results in. Last year more than a million people took part! Find out more by following this link with your grown up.

<https://www.rspb.org.uk/get-involved/activities/birdwatch/>



## Main task option 2:

### **National Storytelling week**

As part of National Storytelling week, we would like you (with an adult's permission) to record yourself reading an extract from one of your favourite books. To be a great storyteller, you must use clear and

engaging expression— this means you might have to rehearse beforehand to make sure it's perfect! Send in your recordings via the home learning. If you prefer, read an extract to someone in your family instead.



Please complete this week's SPARX task to 100%.

**SPARX**



Complete your Spelling Shed assignment, or practise each spelling in your home learning book.


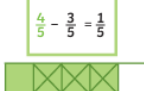


Read for at least 20 minutes every day. Record your reading in your journals (at least three times a week).



## Fractions


## Knowledge Organiser

### Adding and Subtracting Fractions

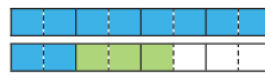
$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$ 

 $\frac{4}{5} - \frac{3}{5} = \frac{1}{5}$ 

 $\frac{1}{4} + \frac{3}{8} = \frac{2}{8} + \frac{3}{8} = \frac{5}{8}$ 

 $\frac{5}{6} - \frac{2}{3} = \frac{5}{6} - \frac{4}{6} = \frac{1}{6}$ 


To add or subtract fractions with denominators that are multiples of the same number, we must change one fraction to have the same denominator.

### Add Fractions When the Total is Greater Than 1

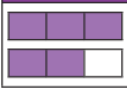

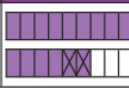
$$\frac{1}{2} + \frac{3}{4} + \frac{5}{8} = \frac{4}{8} + \frac{6}{8} + \frac{5}{8} = \frac{15}{8} = 1\frac{7}{8}$$


### Add Mixed Numbers

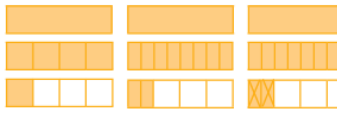
$$1\frac{1}{4} + \frac{3}{8} = 1\frac{2}{8} + \frac{3}{8} = 1 + \frac{5}{8} = 1\frac{5}{8}$$


### Subtract From a Mixed Number

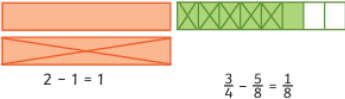
$$1\frac{2}{3} - \frac{2}{9} = 1\frac{4}{9} - \frac{2}{9} = 1\frac{2}{9}$$

starting number	find the equivalent fraction	subtract
		

### Subtract from a Mixed Number - Breaking the Whole

$$2\frac{1}{4} - \frac{3}{8} = 2\frac{2}{8} - \frac{3}{8} = 1\frac{10}{8} - \frac{3}{8} = 1\frac{7}{8}$$


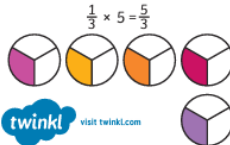
### Subtract Two Mixed Numbers

$$2\frac{3}{4} - 1\frac{5}{8} = 1\frac{6}{8} - 1\frac{5}{8} = \frac{1}{8}$$


2 - 1 = 1

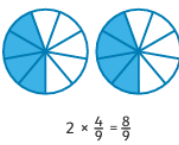
$\frac{3}{4} - \frac{5}{8} = \frac{1}{8}$

### Multiply Unit Fractions by an Integer

$$\frac{1}{3} \times 5 = \frac{5}{3}$$


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### Multiply Non-Unit Fractions by an Integer

$$2 \times \frac{4}{9} = \frac{8}{9}$$


### Multiply Mixed Numbers by Integers

Convert to an improper fraction and multiply the numerator by the integer.

$$2\frac{1}{4} \times 2 = \frac{9}{4} \times 2 = \frac{18}{4} = 4\frac{2}{4} = 4\frac{1}{2}$$

Use repeated addition.

$$2\frac{1}{4} \times 2 = 2\frac{1}{4} + 2\frac{1}{4} = 4\frac{2}{4} = 4\frac{1}{2}$$

4.1.24	11.1.24	18.1.24	25.1.24	1.2.24	8.2.24
Words ending in <u>'able'</u> where the 'e' from the base word remains	Adverbs of time	Words with suffixes where the base word ends in <u>'fer'</u>	Words with silent first letters	Silent letters	Challenge words
Changeable Noticeable Manageable Agreeable Knowledgeable Replaceable Microwavable Salvageable Rechargeable Irreplaceable	Afterwards Immediately Eventually Previously Finally Recently Yesterday Tomorrow Whilst	Referring Preferred Transferring Reference Referee Preference Transference Difference Inference Conferring			