
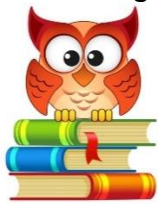





## Year 6 Homework w/c 15.11.24

Here is your homework for this week. It should take you about an hour. For any online parts, we will be able to see what you have completed. For everything else, please complete the task in your homework book.

<p><b>Times Table Rockstars</b></p> 	<p>There is a new battle on TTRS – who will be victorious?          In Miss Taylor's Class 19/30 children did their homework and in Mrs Tilley's class 21/30 did theirs, so thank you to those children for their contribution to our team effort.          Please note, there is a curfew set each day so that you cannot access TTRS too early in the morning or late at night.</p>
<p><b>Reading</b></p> 	<p>Reading is so important so please ensure you are reading every day.          As we have started looking at Alice in Wonderland, you may want to listen to or read some of the story. You can do this by following the links below. You do not have to do this unless you want to.  <a href="https://www.alice-in-wonderland.net/resources/chapters-script/alices-adventures-in-wonderland/chapter-1/">https://www.alice-in-wonderland.net/resources/chapters-script/alices-adventures-in-wonderland/chapter-1/</a>  <a href="https://www.audiobooktreasury.com/alice-in-wonderland/">https://www.audiobooktreasury.com/alice-in-wonderland/</a></p>
<p><b>SPAG</b></p> 	<p>In SPAG, we have been reminding ourselves about the rules of speech. Choose at least 4 of the characters below and write a speech sentence which they might say.</p> <p style="text-align: center;">Think about the following:</p> <p style="text-align: center; color: blue;">What is being said</p> <p style="text-align: center; color: red;">How it is being said</p> <p style="text-align: center; color: green;">Any action which is also happening</p> 
<p><b>Maths</b></p> 	<p>This week we have been adding and subtracting fractions. Complete the fractions tasks below. Make sure you look at them carefully to see which level best suits you. If you feel really confident, you may want to try them all! Remember to simplify answers if needed.</p> <h3 style="text-align: center;">Adding and Subtracting Fractions</h3> <p style="text-align: center;"> <small>Whatever you do to the denominator do to the numerator too</small> → <small>Add the numerators and keep the denominator the SAME</small> </p> $\frac{1}{3} \times \frac{5}{5} + \frac{2}{5} \times \frac{3}{3} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15}$ <p style="text-align: center;"> <small>convert to same denominator</small> → <small>find the lowest common multiple of both numbers</small> → <small>Simplify if needed</small> </p>

## Fractions

### Challenge 1

Adding denominators which are the same:

$$1. \frac{3}{4} + \frac{3}{4} = \underline{\hspace{2cm}} \quad 2. \frac{5}{7} + \frac{6}{7} = \underline{\hspace{2cm}}$$

Subtracting with denominators which are the same:

$$1. \frac{14}{15} - \frac{13}{15} = \underline{\hspace{2cm}} \quad 2. \frac{6}{9} - \frac{5}{9} = \underline{\hspace{2cm}}$$

### Challenge 2

Adding mixed fractions with different denominators:

$$a) \frac{1}{4} + \frac{2}{3} \quad b) \frac{1}{8} + \frac{5}{6}$$

Subtracting mixed fractions with different denominators:

$$a) \frac{4}{5} - \frac{3}{4} \quad b) \frac{5}{6} - \frac{1}{4}$$

### Challenge 3

Adding mixed fractions with different denominators:

$$a) 3\frac{3}{12} + 2\frac{2}{6} \quad b) 3\frac{2}{3} + 4\frac{2}{6}$$

Subtracting mixed fractions with different denominators:

$$a) 3\frac{3}{12} - 1\frac{5}{6} \quad b) 2\frac{7}{10} - \frac{2}{5}$$

### Challenge 4

$$a = d - 7$$

$$c + c = 2$$

$$3 \times 4 = d$$

$$b = a - 3$$

Use this information to complete the following calculation and find the value of e.

$$a\frac{c}{b} - 3\frac{c}{d} = e\frac{a}{d}$$