

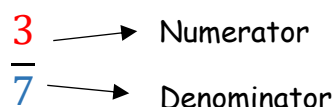
First, begin the lesson by completing a simulation of the year 4 multiplication test.

<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

This link should allow you to access it. You have 25 random times table questions to answer and you are given 6 seconds to answer each one. Try not to use any times tables sheets/ resources to help you, we need to be fluent by now!

Lesson:

Remember when adding fractions, you only add the numerators not the denominators.



You can only add fractions when the denominators are the same. For example:  $\frac{3}{7} + \frac{2}{7} = ?$

The two denominators are both 7 so we can add them.

To add them, we draw a fraction bar with 7 squares since 7 is the denominator.



We then colour in 3 squares in one colour and 2 squares in another colour. We do this because we are adding both the numerators together (3 + 2)

We then count how many are coloured in altogether (5). So,  $\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$

Task:

Add the following fractions together by drawing fraction bars and colour them in using two different colours.

1.  $\frac{2}{5} + \frac{1}{5} = \underline{\quad}$

2.  $\frac{1}{3} + \frac{2}{3} = \underline{\quad}$

3.  $\frac{1}{3} + \frac{1}{3} = \underline{\quad}$

4.  $\frac{2}{4} + \frac{1}{4} = \underline{\quad}$

5.  $\frac{3}{5} + \frac{2}{5} = \underline{\quad}$

6.  $\frac{3}{5} + \frac{1}{5} = \underline{\quad}$

7.  $\frac{3}{6} + \frac{1}{6} = \underline{\quad}$

8.  $\frac{2}{6} + \frac{3}{6} = \underline{\quad}$

9.  $\frac{4}{7} + \frac{2}{7} = \underline{\quad}$

10.  $\frac{1}{7} + \frac{5}{7} = \underline{\quad}$

11.  $\frac{3}{8} + \frac{2}{8} = \underline{\quad}$

12.  $\frac{3}{8} + \frac{3}{8} = \underline{\quad}$

13.  $\frac{5}{9} + \frac{3}{9} = \underline{\quad}$

14.  $\frac{3}{10} + \frac{1}{10} = \underline{\quad}$

15.  $\frac{3}{10} + \frac{3}{10} = \underline{\quad}$

16.  $\frac{5}{12} + \frac{1}{12} = \underline{\quad}$

## Challenges

Jack -  $\frac{5}{7}$  Holly says the numerator is 7 and the denominator is 5. Is she correct?

Queen  $\frac{5}{7} + \frac{2}{7} = \frac{3}{7} + \frac{4}{7} = 1$  whole True or false?

Ace -  $\frac{5}{7} + \frac{2}{7} + \frac{6}{7} + \frac{4}{7} = 1\frac{3}{7}$  True or false? Prove it.

Now it's time for you to practise your maths skills using [Mathletics](https://www.mathletics.com) and [Timestables.co.uk](https://www.timestables.co.uk).  
Have fun! Keep learning your times tables.

*If you need any help at all or would like to send me pictures of your amazing work, please email myself and Miss Senior. To those of you who received pens last week - I would love to see your handwriting!*



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