

Hello everyone,

I have attached the maths that we were going to complete in school today.

This week we are going to look at multiplying 2 proper fractions.

Remind yourself what these words mean by matching the definitions to the correct word.

Fraction	A fraction where the numerator is larger than the denominator.
Improper fraction	Tells us the number of parts to look at.
Denominator	Part of a whole
Proper fraction	A fraction made up of a whole number and proper fraction.
Numerator	Tells us the number of parts the whole is divided into.
Mixed fraction	A fraction where the numerator is smaller than the denominator.

Lesson 1


Follow this link

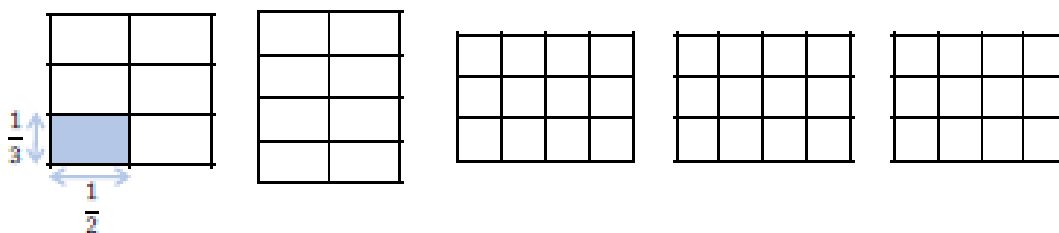
<https://whiterosemaths.com/homelearning/year-6/week-11-number-fractions/>

Watch the video titled multiply fractions by fractions

Remember you can pause and replay parts of the video to help you.

Where the video asks you to complete question 1-3 in your workbook complete these instead using the diagrams to help you.

 Alex is drawing diagrams to represent multiplying fractions.



Shade the diagrams to calculate:

$$\frac{1}{3} \times \frac{1}{2} = \quad \frac{1}{4} \times \frac{1}{2} = \quad \frac{1}{3} \times \frac{1}{4} = \quad \frac{2}{3} \times \frac{1}{4} = \quad \frac{2}{3} \times \frac{3}{4} =$$

Write your answers in their simplest form.

Complete the rest of the video and then have a go at following task:

If you do not have dice at home then please write numbers 1-6 on pieces of paper and use these instead to make your fractions.

If you don't have someone to play with at home then play against yourself.

Multiplying Fractions Christmas Dice Game

Each player must:

- Roll a dice four times.
- Arrange the four numbers into proper fractions and multiply.
- Find the answer to the fraction multiplication and colour in a bauble that matches.

The person with the most coloured baubles wins.

Top Tip:

Remember that the numerator is always smaller than the denominator in a proper fraction.

$$\frac{\square}{\square} \times \frac{\square}{\square}$$

