

# Year 5 Multiply Non-Unit Fractions by an Integer – Guidance for Parents/Carers

## Activity:

The aim of this activity is for children to practise multiplying non-unit fractions by integers. There are three questions to complete. The first two questions allow children to practise the skill, while the third question extends them as they have to problem solve and explain their answer.

## Vocabulary:

A **Venn diagram** consists of overlapping circles and can be used to sort sets of data. The data might fit into one category (circle) or into the overlapping area if it fits into more than one category.

A **mixed number** is a fraction that includes the whole number and the fraction. For example  $1 \frac{1}{4}$ .

An **integer** is a whole number, which is either positive or negative.

A **non-unit fraction** has a numerator of more than 1 and represents more than one part of the whole. It is always less than one whole.

**Simplified fractions** are fractions where the numerator and denominator cannot be any smaller, although they must still be whole numbers. To find a simplified fraction, the numerator and denominator must be divided by the same number.

## Supporting resources:

You can watch a video tutorial about multiplying non-unit fractions by an integer on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> **Year 5 >> Maths >> Fractions >> Video Tutorials**.

You can watch the answer explanation video which takes children through this activity and ways to answer it on <https://www.youtube.com/user/ClassroomSecretsLtd/playlists> >> **Year 5 Playlist >> Multiply Non-Unit Fractions by an Integer Answer Explanation**.

## Other resources:

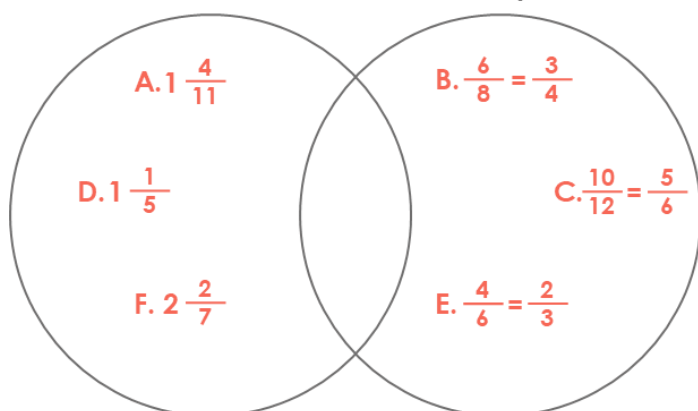
If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on [classroomsecrets.co.uk/membership](https://classroomsecrets.co.uk/membership).

**Check out our daily timetable for Year 5 home learning activities on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> Home Learning Timetable.**

## Multiplying Non-Unit Fractions by an Integer

1. A.  $\frac{2}{3} \times 5 = 3\frac{1}{3}$  ; B.  $\frac{2}{9} \times 8 = 1\frac{7}{9}$

2. More than one      Can be simplified



3. Eduardo's fraction is  $\frac{2}{8}$ .