

# Year 5 Mixed Numbers to Improper Fractions – Guidance for Parents

## Activity:

The aim of this activity is for children to practise converting mixed numbers to improper fractions. 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:

An **improper fraction** is a fraction where the numerator is greater than the denominator, for example  $\frac{5}{4}$ .

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

## Supporting resources:

You can watch a video tutorial about mixed numbers to improper fractions on [kids.classroomsecrets.co.uk](https://www.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** >> **Mixed Numbers to Improper Fractions 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://www.classroomsecrets.co.uk/membership).

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

## Mixed Numbers to Improper Fractions

1. A.  $\frac{15}{4} > \frac{14}{4}$  ; B.  $\frac{39}{7} < \frac{59}{7}$

2. A.  $4 \frac{5}{6} = \frac{29}{6}$  ; B.  $5 \frac{3}{9} = \frac{48}{9}$

3. Raymond is incorrect because he has multiplied the whole number with the numerator to find the numerator for the improper fraction. He should have multiplied the whole number with the denominator and added the numerator to find the numerator for the improper fraction. The correct answer is  $\frac{31}{8}$ .