

Year 3 Fractions on a Number Line (Over 1) – Guidance for Parents and Carers

Activity:

The aim of this activity is for children to practise fractions on a number line. There are a number of questions to complete. The first four questions allow children to practise the skill, while the next three questions extend them as they have to apply their learning to get the answer.

Vocabulary:

A **number line** is a horizontal, straight line which has numbers placed at equal points. Most number lines begin at 0, however this is not always the case.

The **numerator** and **denominator** are the parts of a fraction. The **numerator** is the number above the line in a fraction and it indicates the number of parts out of the whole there are. The **denominator** is the number below the line in a fraction and it indicates how many equal parts a whole has been divided into.

A **mixed number** is a fraction that includes a whole number and the fraction. For example

$$1 \frac{1}{4}.$$

Supporting resources:

You can watch a video tutorial about fractions on a number line on [kids.classroomsecrets.co.uk](https://www.classroomsecrets.co.uk) >> **Year 3** >> **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 3 Playlist** >> **Fractions on a Number Line 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 3 home learning activities on [kids.classroomsecrets.co.uk](https://www.classroomsecrets.co.uk) >> Home Learning Timetable.

Fractions on a Number Line (Over 1)

1. $1\frac{3}{5}$

2. $1\frac{1}{7}$, $1\frac{2}{7}$, $1\frac{5}{7}$

3. Mark the fifth blank increment.

4. True

5. No, she will end up on $2\frac{3}{6}$.



7. No, the whole numbers '3' and '2' are in the wrong positions on the number line.