

Activity:

The aim of this activity is for children to practise converting fractions to percentages. 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:

Equivalent means equal in value. For example, equivalent fractions may use different numerators and denominators, but represent the same part of a whole.

A **conversion** is a change in the form of a measurement, from one unit to another, without a change in size or amount, for example 50% can be converted to 0.5.

A **numerator** is the top part of a fraction. It shows how many parts of the whole are being considered.

A **denominator** is the bottom part of a fraction. It shows how many equal parts the whole has been split into.

Supporting resources:

You can watch a video tutorial about converting fractions to percentages on kids.classroomsecrets.co.uk >> **Year 6 >> Maths >> Percentages >> 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 6 Playlist >> Fractions to Percentages 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 kids.classroomsecrets.co.uk/membership.

Check out our daily timetable for Year 6 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Fractions to Percentages

1. $\frac{3}{5} = \frac{60}{100} = 60\%$

$$\frac{26}{50} = \frac{52}{100} = 52\%$$

$$\frac{1}{20} = \frac{5}{100} = 5\%$$

$$\frac{5}{25} = \frac{20}{100} = 20\%$$

2. 30 squares shaded = 30%

3. Ava-Lily = 76%; Tyrese = 40%; Rochelle = 72%; Ava-Lily reaches the final.

4. True

5. Joey is correct because $\frac{1}{20}$ is equal to $\frac{5}{100}$, which is 5%, as percent is out of 100.

6. 60%

7. Various answers, for example: $\frac{6}{20}$ and 30%, $\frac{10}{20}$ and 50%; $\frac{8}{25}$ and 32%, $\frac{14}{25}$ and 56%.