

## Activity:

The aim of this activity is for children to practise finding equivalent fractions, decimals and percentages. 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:

**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.

## Supporting resources:

You can watch a video tutorial about finding equivalent fractions, decimals and percentages on [kids.classroomsecrets.co.uk](https://www.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** >> **Equivalent FDP 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 6 home learning activities on [kids.classroomsecrets.co.uk](https://www.kids.classroomsecrets.co.uk) >> Home Learning Timetable.**

## Equivalent FDP

1. False. C has not been converted correctly.  $\frac{5}{100}$  is equivalent to 0.05 but not to 50%.
2. 25%, 0.25,  $\frac{1}{4}$   
60%, 0.6,  $\frac{3}{5}$   
20%, 0.2,  $\frac{1}{5}$
3. Jackson is incorrect. Box B contains the most apples. This is because  $75\% = 0.75 = \frac{3}{4}$ .  
Box A has  $\frac{2}{8} = 25\% = 0.25$  and Box C has  $0.5 = 50\% = \frac{1}{2}$ .