

Activity:

The aim of this activity is for children to practise identifying common multiples. 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 **multiple** is a product of one number multiplied by another number. For example, multiples of 10 are the products of numbers multiplied by 10.

A **Venn Diagram** is a way of sorting a group of different things. It allows us to sort a group of data into two or three circles which overlap in the middle. Each circle follows a given rule, so any numbers or objects placed in the overlapping parts follow both rules.

A **sequence** is a series of numbers or images that follow a set pattern. For example they might increase by 2 each time.

Supporting resources:

You can watch a video tutorial about common multiples on kids.classroomsecrets.co.uk >> **Year 6 >> Maths >> Common Multiples >> Video Tutorials.**

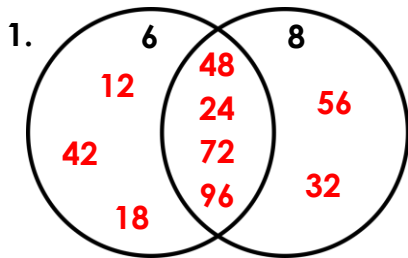
You can watch the answer explanation video which takes children through this activity and ways to answer it on <https://www.youtube.com/user/ClassroomSecretsLtd/playlists> >> **Year 6 Playlist >> Common Multiples Answer Explanation.**

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.

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

Common Multiples



2. 9 and 12 – 72, 108, 144; 4 and 7 – 56, 84, 112

3. 5 and 6 does not have a matching common multiple. The common multiple of 4 and 11 is 132. The common multiple of 7 and 9 is 126.