

# Year 6 Multiply 4-Digits by 2-Digits – Guidance for Parents

## Activity:

The aim of this activity is for children to practise multiplying 4-digits by 2-digits. 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 **calculation** is a way to determine an amount. It may involve addition, subtraction, multiplication or division.

**Digit cards** refers to a physical resource which can be used to create numbers. The digits 0 to 9 are written on individual cards (or paper) and can be arranged to make different numbers. They are especially useful when investigating the value of digits within a number on a place value chart.

## Supporting resources:

You can watch a video tutorial about multiplying 4-digits by 2-digits on [kids.classroomsecrets.co.uk](https://www.classroomsecrets.co.uk) >> **Year 6** >> **Maths** >> **Four Operations** >> **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** >> **Multiply 4-Digits by 2-Digits 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.classroomsecrets.co.uk) >> Home Learning Timetable.**

## Multiply 4-Digits by 2-Digits

1. **Belinda**
2. **24,336 cupcakes; 25,656 sprinkles**
3. **Various answers, for example:  $2,211 \times 13 = 28,743$ ;  $2,231 \times 13 = 29,003$ ;  $2,211 \times 14 = 30,954$ ;**