

## Activity:

The aim of this activity is for children to practise dividing by 10, 100 and 1,000. 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.

A **conversion** is a change in the form of a measurement, for example 653p can be converted to £6.53.

## Supporting resources:

You can watch a video tutorial about dividing by 10, 100 and 1,000 on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> **Year 6** >> **Maths** >> **Decimals** >> **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** >> **Divide by 10, 100 and 1,000 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://classroomsecrets.co.uk/membership).

**Check out our daily timetable for Year 6 home learning activities on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> Home Learning Timetable.**

# Divide by 10, 100 and 1,000

1.

23	2.3	7,853	78.53	403	0.403
407	40.7	169	1.69	1,076	1.076
1.64	0.164	57	0.57	45	0.045

2. A:  $945 \div 1,000 = 9.45$  is incorrect. The correct answer is 0.945.

B:  $2.03 \div 10 = 0.23$  is incorrect. The correct answer is 0.203.

C:  $450 \div 100 = 4.05$  is incorrect. The correct answer is 4.5.

3.  $10.65 \div 10 = 1.065$ ,  $106.5 \div 100 = 1.065$ ,  $1,065 \div 1,000 = 1.065$