

Year 5 Divide by 10, 100 and 1000– Guidance for Parents/Carers

Activity:

The aim of this activity is for children to practise dividing 1 or 2 digit numbers by 10, 100 and 1,000.

Vocabulary:

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 ordered to make different numbers. They are especially useful when investigating the value of digits within a number on a place value chart.

Multiples of ten are numbers which are in the ten times table. They end in a 0. For example, 10, 20, 30, 40 and so on.

Supporting resources:

You can watch a video tutorial about dividing by 10, 100 and 1000 on kids.classroomsecrets.co.uk >> **Year 5** >> **Maths** >> **Decimals** >> **Video Tutorials**.

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 5 home learning activities on kids.classroomsecrets.co.uk >> **Home Learning Timetable**.

Divide by 10, 100 and 1,000

1. Connor is using his knowledge of division to teach his younger brother about dividing 1 or 2 digit numbers by 10, 100 and 1,000.

The original numbers he starts with are between 5 and 90. Two of them are multiples of ten and they all have different tens digits.

Using the digit cards below, explore eight different ways Connor could have filled in the table to teach his brother. You can only use a digit card once per number.



Various answers, for example:

Original Number	$\div 10$	$\div 100$	$\div 1,000$
6	0.6	0.06	0.006
8	0.8	0.08	0.008
14	1.4	0.14	0.014
28	2.8	0.28	0.028
40	4	0.4	0.04
69	6.9	0.69	0.069
71	7.1	0.71	0.071
80	8	0.8	0.08