

Activity:

The aim of this activity is for children to practise dividing with remainders. 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:

> < = are comparison symbols used to represent more than (>), less than (<) and equal to (=).

A **Remainder** is the number that is left over when dividing. For example $12 \div 5 = 2 \text{ r } 2$.

A **Carroll Diagram** is a two-way table used to sort or group numbers or objects.

Supporting resources:

You can watch a video tutorial about dividing with remainders on [<u>kids.classroomsecrets.co.uk</u>](https://kids.classroomsecrets.co.uk) >> **Year 5** >> **Maths** >> **Multiplication and Division** >> **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](https://www.youtube.com/user/ClassroomSecretsLtd/playlists) >> **Year 5 Playlist** >> **Dividing with Remainders 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 [<u>classroomsecrets.co.uk/membership</u>](https://classroomsecrets.co.uk/membership).

Check out our daily timetable for Year 5 home learning activities on [<u>kids.classroomsecrets.co.uk</u>](https://kids.classroomsecrets.co.uk) >> Home Learning Timetable.

Divide with Remainders

1. >

2.

	Remainder of or between 1 and 3	Remainder of or between 4 and 7
Answer below 1,000	$2,345 \div 3 = 781 \text{ r}2$	$5,696 \div 7 = 813 \text{ r}5$
Answer above 1,000	$7,629 \div 6 = 1,271 \text{ r}3$	$6,609 \div 5 = 1,321 \text{ r}4$

3.

		1	2	0	7	r5	
	6	7	2	4	7		

		1	2	0	1	r6	
	8	9	6	1	4		