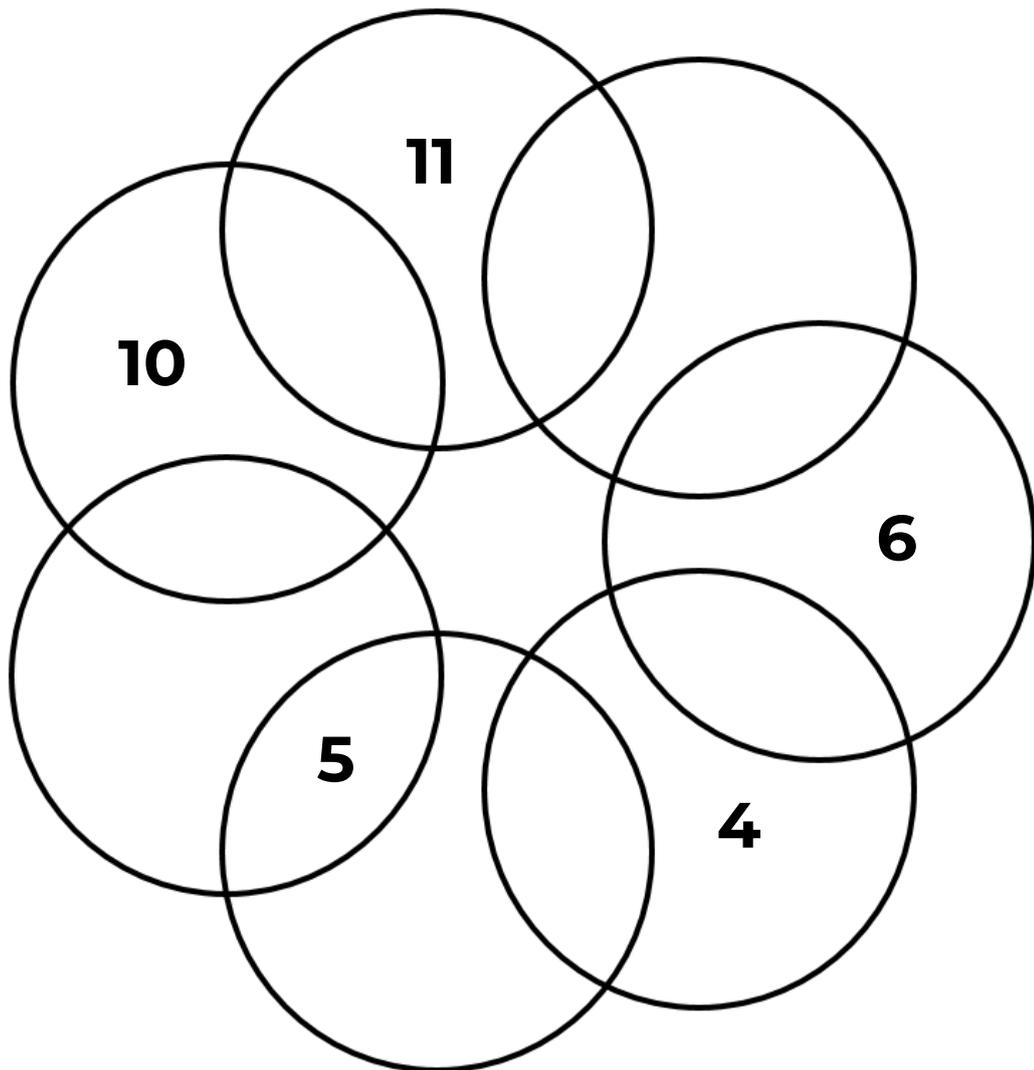


KS2 Problem

Interlocking Rings

Make each **circle** add up to **21** by placing the numbers 1 to 14 in the spaces, one number per space. Some have been done for you.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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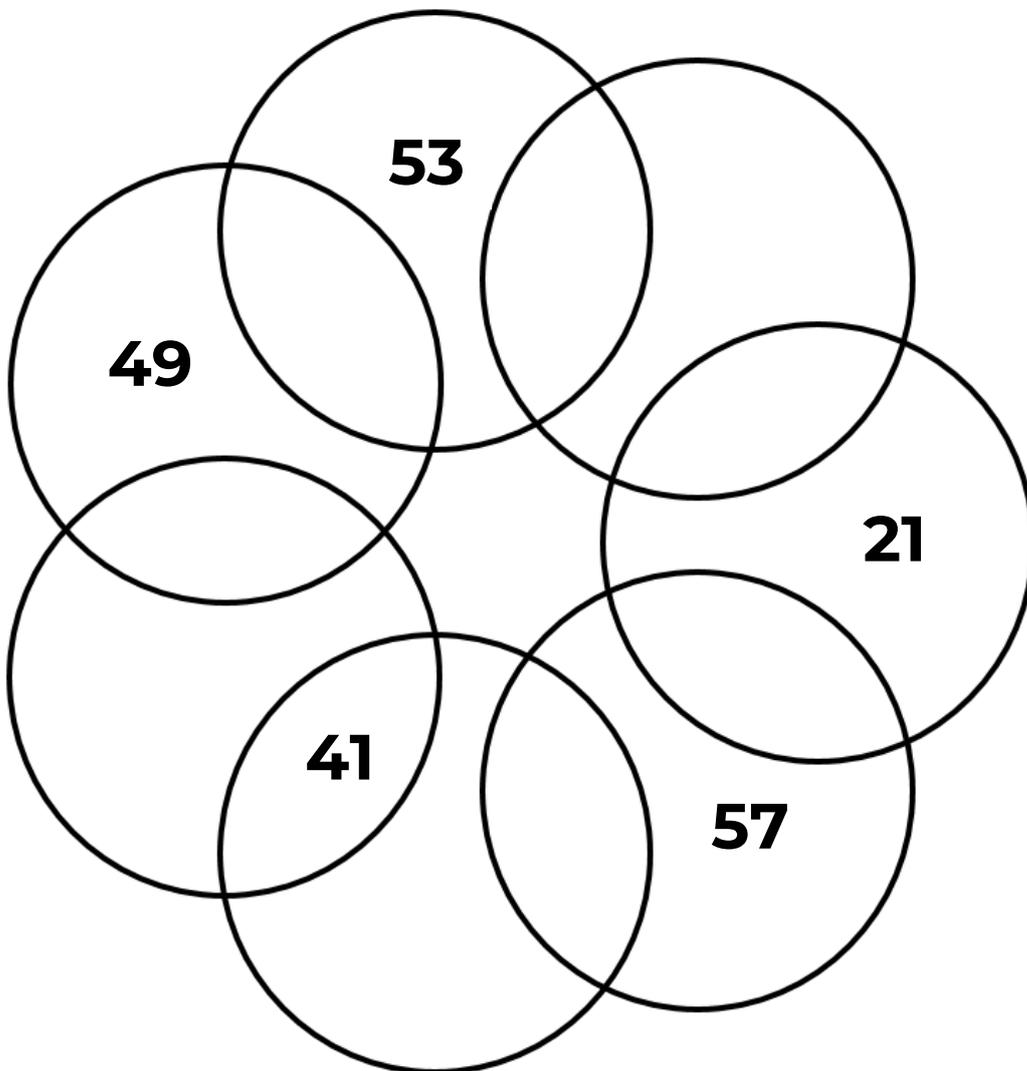


KS2 Problem

Challenge

Make each **circle** add up to **99** by using the numbers below in the spaces, one number per space.

9	13	17	21	25	29	33	37	41	45	49	53	57	61
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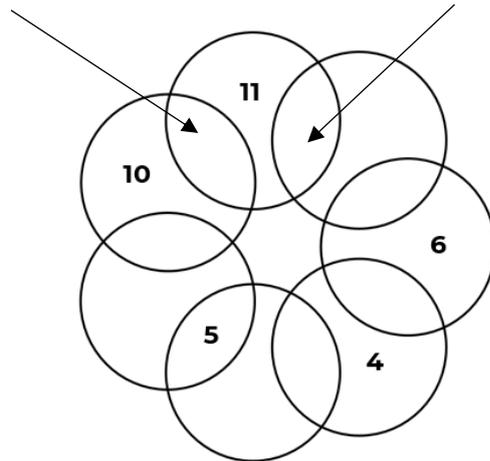


KS2 Problem

Information for Parents/Carers

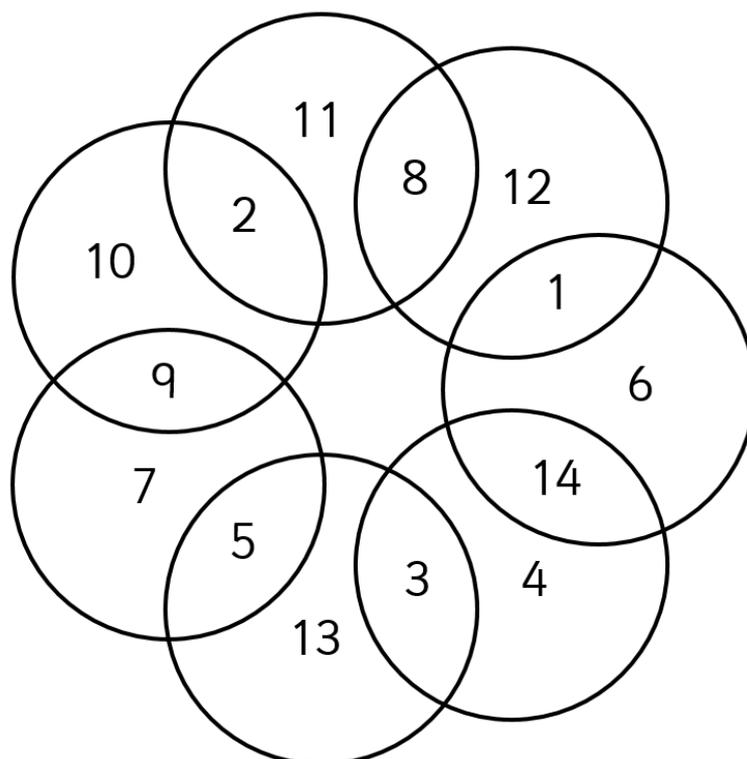
This problem involves using logical thinking. Encourage the children to make jottings about what numbers might go in a space, as well as what **can't** go in a space. To assist them with this, they may find it useful to mark down every number in each space to enable them to cross out the ones that can't be possible. They may have to make chains of logical reasoning, for example:

If 9 goes in this space then the number in this space must be a 1.



Make sure your child uses all of the numbers once to solve the problem.

Solution



KS2 Problem

Challenge Solution

